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TAXONOMIC LITERATURE

Volume III: Lh-O

Regnum vegetable, a series of publications for the use of plant taxonomists published under the auspices of the International Association for Plant Taxonomy, edited by Frans A. Stafleu.

Volume 105

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Frans A. Stafleu and Richard S. Cowan

Taxonomic literature

A selective guide to botanical publications and collections with dates, commentaries and types

Volume III: Lh-O

Second edition

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This volume of Taxonomic literature
is dedicated to the memory of
Liesbeth Kamp (1953-1980)

Introduction

The publication of this volume follows in the wake of the tragic death of Liesbeth Kamp who took such an important share in the preparation of the text for this new edition of Taxonomic literature. Liesbeth helped us prepare the text for a great part of the first volume, the entire second volume and of the quasi-totality of the third volume by translating our handwritten texts into neatly typed manuscript and by taking care of the technical editing, the checking and the processing of bibliographic data in an excellent way, with grace and understanding for the intricacies of dealing with the authors and with unparalelled sense of duty. Our dedication of this third volume to her memory is only a very modest tribute to her and should show that we will forget neither her dedicated input nor her charming personality.

In our introduction to the second volume we announced our intention to ask Jan A. Leussink to join us as co-author starting with the third volume. A serious deterioration of his health has prevented him, alas, from doing the work which he deemed necessary to consent to being listed as co-author. Originally he was to have written, for instance, the major entry on Linnaeus. At the time of going to press the health of our closest collaborator shows definite improvement and notwithstanding his illness we have had his constant help in processing the data. The eponymy paragraphs from L'Héritier through Murbeck have been written by him. We hope that Jan Leussink's recovery will continue and that he will be able to continue giving us his much needed support.

The remaining eponymy paragraphs are from the hand of Laurence Skog, Smithsonian Institution, whom we herewith welcome as one of our new collaborators.

This third volume contains contributions of various new collaborators. Dr. P. Isoviita, assisted by several of his colleagues at the Botanical Museum of the University of Helsinki, has supplied us with numerous data concerning Finnish, Estonian and Russian authors in particular, and to bryological and lichenological literature in general which has resulted in a considerable strengthening of our coverage in these fields. Dr. O. Almborn, at the Botanical Museum of Lund, did the same for Swedish literature, Linnaeus and lichenology. A major new contribution is also that by Dr. C. Steinberg of the Istituto botanico, Firenze. Using the rich holdings of the Firenze libraries he supplied us with a wealth of detail in practically the entire field of our coverage, significantly increasing in particular our coverage of Italian, and in general mediterranean literature.

Further new support came from Dr. R. Kiger at the Hunt Institute of Botanical Documentation, especially with respect to the entry on Linnaeus. We are very glad that he enabled us, for instance, to relate our Linnaean entries to the new catalogue of the Strandell Linnaean collection at the Hunt Institute. In this way our entry on Linnaeus, which is by necessity rather limited, links up with the forthcoming new authoritative catalogue of works by and on Linnaeus. Further important new support, especially on German language literature, came from C. D. K. Cook

(Zürich), D. Ernet (Graz), G. Follmann (Kassel), W. Greuter (Berlin), P. Hiepko (Berlin), H. Kuhbier (Kiel), W. Lack (Berlin), K. Mägdefrau (München), G. Wagenitz (Göttingen), S. Seybold and B. Zepernick (Berlin). Considerable assistance on our coverage of British literature and especially of rare items in general came from Dr. J. Edmondson at Edinburgh.

Other colleagues who helped us with special questions were O. de Bolos (Barcelona), Mme. Monique Ducreux (Paris), P. M. Jörgensen (Bergen), Y. Laissus (Paris), O. Leistner (Pretoria), F. Motacchini (Torino), A. R. Pinto da Silva (Lisboa), E. A. Schelpe (Cape Town) and R. Schmidt (Berkeley, Calif.).

A new major library supporting our work is that of the Academy of Natural Sciences, Philadelphia where we enjoyed the help of M. E. Garback, Janet Evans, Wm. Gagliardi, Sylva Baker, and especially J. Mears. The indexes to this volume were prepared and edited by Miss T. van Ingen, our new editorial assistant at Utrecht.

The mentioning of this new help and support comes into addition to the essential support given to us by our "standard libraries" mentioned in the introduction to volume 1 as well as in our progress report on TL-2 published in Taxon 28: 77-86. 1979. The support given by Ann Arbor, Berlin, Brussel, Genève, München, New York, St. Louis and USDA-Beltsville, as well as that of our home institutions Utrecht and Washington remains decisive for the success of our project. With this help we hope to reach the end of the alphabet by 1986. For the moment we are still on schedule and we thank all those who support us for making this possible. The odyssey has not yet ended, but the end comes in sight.

Utrecht, Washington
July 1980

Additional Abbreviations

This list contains abbreviations not listed in volumes one, p. xix-xl, and two, p. ix-xviii. The abbreviations of herbaria are those used in the Index herbariorum (see I: xxviii, under IH).

A.D.	Anno Domini, in the year of our Lord.
Almborn, O.	Private library O. Almborn, Botanical Museum, Lund, Sweden.
ALU	University: Mohr Herbarium, Alabama Museum of Natural History, University, Alabama 35486, U.S.A.
app.	appointed, appointment.
AUT	Autun: Société d'Histoire Naturelle et des Amis du Muséum d'Autun, 19 Rue Saint Antoine, 71400 Autun, France.
BEL	Belfast: Ulster Museum, Botanic Gardens, Belfast 9, Northern Ireland.
Biohist. Inst.	Library of the Institute for the history of biology (formerly: Biohistorical Institute) of the University of Utrecht, the Netherlands.
Blunt	Blunt: W., *The art of botanical illustration.* London 1950.
bryoph.	bryophyta, bryophytes.
BRNO	see BRNU.
BSbF	*Bulletin de la Société botanique de France,* vols. 1-x, 1854-x.
B-S	Staatsbibliothek Preussischer Kulturbesitz, Berlin.
BRSL	Breslau: Botanisches Institut, herbarium and library; now WRSL, Wrocklaw, Instytut botaniczny, q.v.
CAG	Cagliari: Instituto Botanico della Università, Viale Fra Ignazio da Laconi 13, Cagliari, Sardinia, Italy.
CAT	Catania: Istituto di Botanica. Orto Botanico, Università di Catania, Via Antonino Longo 19, Catania, Sicilia, Italy.
Cesati	Cesati, V. de, *Saggio di una bibliografia algologia italiana.* Napoli 1882, TL-2/1076.
cogn.	cognomen, an additional personal name.
coll.	collection(s), collector(s), collected.
del.	delin.
DOMO	Domodossola: Collegio Rosmini, Domodossola, Italy.
DOR	Dorchester: Dorset Natural History & Archeological Society, Dorchester, Great Britain.
DSB	*Dictionary of scientific biography,* C. C. Gillispie, editor in chief, vols. 1-14, 1970-1976 and supplement.
Dr. phil.	Doctor philosophiae.
d.	died, death.
extraord. (or e.o.)	extraordinary (in extraord. prof.: assistant prof.)
FIAF	Firenze: Istituto di Botanica della Facoltà Agraria e Forestale della Università di Firenze, Piazzale delle Cascine 28, 50144 Firenze, Italy.
fl.	floruit (flourished).
F.M.L.S.	Foreign member of the Linnean Society of London.
F.L.S.	Fellow of the Linnean Society of London.
F.R.S.	Fellow of the Royal Society, London.
FI-BN	Firenze: Bibliotheca nazionale, Firenze, Italy.
FIT	Firenze: Herbarium tropicale, Istituto Botanico, see FI.
GDOR	Genova: Museo Civico di Storia Naturale "Giacomo Doria", Via Brigata Liguria 9, Genova, Italy.
Greuter, W.	Private library W. Greuter, Botanisches Museum und Herbarium, Berlin-Dahlem.
Hausmann	Hausmann zu Stetten, F. von, *Flora von Tirol,* 3 parts, Innsbruck 1851-1854, see TL-2/2483.

HBG	HAMBURG: Institut für allgemeine Botanik, Jungiusstrasse 6, Hamburg 36, Federal Republic of Germany, B.R.D.
h.c.	honoris causa, honorary (doctor's degree).
Hegi	HEGI, G., *Illustrierte Flora von Mittel-Europa,* München, 1906-1931; for further details see TL-2/2571.
hepat.	hepatics, hepaticae.
Herder	HERDER, F. v., *Catalogus systematicus bibliothecae horti imperialis botanici Petropolitani.* Editio nova, Petropoli 1886.
H-UB	HELSINKI, Finland, University Library.
IH	LANJOUW, J. and F. A. STAFLEU, *Index Herbariorum.* 1. *The herbaria of the world,* ed. 6, Utrecht 1974 (Regnum vegetabile vol. 92), (by P. K. Holmgren and W. Keuken). 2. *Collector's Index.* Part 1, A-D, Utrecht 1954 (Regnum vegetabile vol. 2), (by F. A. Stafleu). Part 2, *E-H,* Utrecht 1957 (Regnum vegetabile vol. 9), (by F. A. Stafleu). Part 3, *I-H,* Utrecht 1972 (Regnum vegetabile vol. 86), (by M. N. Chaudri, I. H. Vegter and C. M. de Wal). Part 4, *M,* Utrecht 1976 (by I. H. Vegter).
IH 2 (in press)	Part 5, *N-R,* in press (by I. H. Vegter).
ING	*Index nominum genericorum (plantarum),* edited by Ellen R. Farr, Jan A. Leussink, and Frans A. Stafleu, Utrecht-The Hague, 1979, 3 vols., (Regnum vegetabile vols. 100-102).
ISM	SPRINGFIELD: Illinois State Museum Herbarium, Spring and Edwards Street, Springfield, Illinois 62706, U.S.A.
Kelly	KRIEGER, L. C. C., *Catalogue of the mycological library of Howard A. Kelly,* Baltimore, privately printed, 1924.
Kew	*Author catalogue of the Royal Botanic Gardens Library,* Kew, England. Vols. 1-5, 1974, Boston, Mass.
Kremp.	see Krempelh.
KU	LAWRENCE, KANSAS: Department of Special Collections, Kenneth Spencer Research Library, University of Kansas.
Langman	LANGMAN, I. K., *A selected guide to the literature on the flowering plants of Mexico.* Philadelphia 1964.
lich.	lichenes, lichens.
L.L.B.	Legum baccalaureus, Bachelor of laws.
L.L.D.	Legum doctor, doctor of laws.
LC	The Library of Congress, Washington, D.C., U.S.A.
Lever, J. L.	Private library J. L. Lever, Department of Zoology, Free University of Amsterdam, The Netherlands.
Mägdefrau, K.	Private library K. Mägdefrau, München, B.R.D.
MAK	TOKYO: Makino Herbarium, Faculty of Science, Tokyo Metropolitan University, Fukazawa, Setagaya, Tokyo 158, Japan.
MARY	COLLEGE PARK: Herbarium, Dept. of Botany, University of Maryland, College Park, Maryland 20742, U.S.A.
M.B.E.	Member of the Order of the British Empire.
M.D.	Medicinae doctor.
MIPV	MILANO: Istituto di Patologia Vegetale dell'Università, Via Celoria 2, 20133 Milano, Italy.
Morren	MORREN, C. J. É., *Correspondance botanique* ed. 2, Oct 1874, ed. 10, Jul 1884, see TL-2/6345.
MO-Steere	W. C. Steere bryological library at the Missouri botanical Garden, St. Louis, Mo., U.S.A. – Books in this library were referred to in volumes 1 and 2 as being in 'Steere'. The Steere library was acquired by MO in 1979.
MS	MESSINA: Istituto ed Orto Botanico, Piazza XX Settembre, Messina Italy.
NAP	NAPOLI: Istituto Botanico della Università di Napoli, Via Foria 223, Napoli, Italy.
O.S.B.	Order of Benedict.

obit.	obituary.
ord.	ordained, appointment to christian ministry, conferment holy orders.
ÖbW	*Oestereichisches botanisches Wochenblatt,* vols. 1-7, 1851-1857.
ÖbZ	*Oesterreichische botanische Zeitschrift,* vols. 8-91, (1858-1942 (preceded by ÖbW, 1-7).
O.T.C.	Officers Training Corps.
PAD	PADOVA: Istituto Orto Botanico dell'Università, Via Orto Botanico 15, Padova, Italy.
PAL	PALERMO: Erbario dell'Istituto Botanico di Palermo, Italy.
P (Bibl. centr)	PARIS, Muséum d'Histoire naturelle, Bibliothèque centrale.
PH	PHILLIPS, VENIA T., and MAURICE PHILLIPS, *Guide to the manuscript collections in the Academy of Natural Sciences of Philadelphia,* Special publication no. 5, Academy of Natural Sciences of Philadelphia 1963, (in abbreviated bibliographical references); library of this Academy (in citation copies); herbarium of this Academy (in citation of herbaria).
Ph. D.	Philosophiae doctor.
PI	PISA: Istituto Botanico dell'Università, Via Luca Ghini 5, 56100 Pisa, Italy.
pl.	plants (in texts on or references to herbaria).
QK	KINGSTON: Fowler Herbarium, Queen's University, Kingston, Ontario, Canada.
REG	REGENSBURG, B.R.D., University library, Library Regensburger Botanische Gesellschaft and University herbarium.
RI	RICHTER, H. F. E., *Caroli Linnaei Systema, Genera, Species plantarum uno volumine* (Codex botanicus Linnaeus). Leipzig 1835-1840 (source for dates of Linnean works).
RIG	RIGA: Department of Botany, Latvian State University, Latvian SSR, Fr. Gaila Street 10, 226200 Riga, U.S.S.R.
RNG	READING: Plant Science Laboratories, The University, Whiteknights, Reading RG6 2AS, Great Britain.
ROPV	ROMA: Stazione di Patologia Vegetale, Via Casal de' pazzi, 250, 00156 Roma, Italy.
SANT	SANTIAGO DE COMPOSTELA: Jardin Botanico de Santiago, Plaza de Fonseca, Santiago de Compostela, Spain.
SIU	CARBONDALE: Southern Illinois Herbarium, Dept. of Botany, Carbondale, Illinois 62901, U.S.A.
SM	STAFLEU, F. A., F.A.W. *Miquel, Netherlands botanist* Amsterdam 1966, xvi, 96 p. (Wentia 16, 1966).
SS	SASSARI, Herbarium of the Istituto Botanico della Facoltà di Scienze Naturali, Sassari, Italy.
STR	Strandell Collection of Linnaeana, Hunt Institute of Botanical Documentation, Pittsburgh, U.S.A.
TO	TORINO: Istituto Botanico dell'Università, Viale Mattioli 25, 10125 Torino, Italy.
TOM	TORINO: Istituto Missioni Consolata, Museo di Storia Naturale, Corso Ferruci, 14, 10138 Torino, Italy.
TSM	TRIESTE: Museo Civico di Storia Naturale, Piazza Hortis 4, Trieste, Italy.
TU	TARTU (Dorpat, Jurjew); Herbarium of the Department of Taxonomy and Geobotany of State University, Michurina 40, Tartu, Estonian SSR, U.S.S.R.
UTC	LOGAN: Intermountain Herbarium., Botany Department, Utah State University, Logan, Utah, 84322, U.S.A.
U-V	UTRECHT Netherlands, Institute of Systematic Botany; hepatics library of Frans Verdoorn on deposit.
VER	VERONA: Museo Civico di Storia Naturale, Sezione di Botanica, Corso Cavour 11, 37100 Verona, Italy.
VPRI	VICTORIA: Plant Research Institute, Department of Agriculture, Swan St., Burnley, Victoria, Australia 3121.

W.W.-I	World War I, 1914-1918.
W.W.-II	World War II, 1939-1945.
Wagenitz, G.	Private library G. Wagenitz, Systematisch-geobotanisches Institut, Universität Göttingen, B.R.D.
Zander	ZANDER, *Handwörterbuch der Pflanzennamen*. Neubearbeitete und erweiterte 10. Auflage von Dr. H. C. Fritz Encke und Dr. Günther Buchheim unter Mitarbeit von Dr. S. Seybold. Stuttgart 1972. (refs. under authors A-B are to ed. 9, 1964.).
	– Neubearbeitete und erweiterte 11. Auflage, id. Stuttgart 1979.
Zep.-Tim.	ZEPERNICK, B. & F. K. TIMLER, *Grundlagen zur 300-jährigen Geschichte des Berliner Gartens*, Englera 1, Berlin 1979.

L'Héritier de Brutelle, Charles-Louis (1746-1800), French magistrate and amateur botanist, at Paris; from 1775-1789 counsellor at the" Cour des Aides"; after the revolution at the Department of Justice; died by murder in unclarified circumstances. (*L'Hér.*).

HERBARIUM and TYPES: On his death L'Héritier's herbarium contained 8000 species. It was acquired by the bookseller Garnery and sold to A. -P. de Candolle who made it the basis of his private herbarium (now at G). The herbarium contained plants collected by L'Héritier himself in the Paris gardens and of plants collected by Patris (Fr.Guiana, 2000 species, via Turgot), O. Swartz (annoted by Sw. himself; extensive set), part of the Badier herbarium of Guadeloupe plants (other parts in P-LAM), a collection from Smeathmann from Sierra Leone, and plants from Dombey, Aiton, Banks et al. Other L'Héritier material is at CP, NEU (non-French material, via Coulon) and P.

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EPONYMY: *Heriteria* [sic] F. von Paula von Schrank (1789), *Heritiera* W. Aiton (1789), *Heritiera* A. J. Retzius (1791), *Heritiera* J. F. Gmelin (1791). *Note*: *Lheritiera* Humboldt, Bonpland & Kunth (1823) and *Lheritieria* Perrottet (1825) are orth. vars. of *Heritiera* W. Aiton (1789).

4484. *Stirpes novae aut minus cognitae*, quas descriptionibus et iconibus illustravit Carolus-Ludovicus L'Héritier, Dom. de Brutelle, in Aula Juvaminum Parisiensi, Regis consiliarius. Parisiis (Ex typographia Philippi-Dionysii Pierres, ...) 1784 [1785-1805]. Broadsheet. (*Stirp. nov.*).
Publ.: In six fascicles 1785-1791; plates for fasc. 7-9 issued after Aug 1805. *Copies*: FI, G, HU, U, US; IDC 113; *Pagination* [i*], [i] xvi, 1-75, 76-81 (as 78-83), [82], 83 (as 84), [84], 85-110, 109bis-110bis, 111-112, 111bis-112bis, 113-118, 117bis-118bis, 119-120, 119bis-120bis, 121-181, [182], 183-184. *Plates*: (roman numbers): *1-7, 7b, 8-30, 30b, 31-52, 52bis, 53, 53bis, 54-56, 56bis, 57, 57bis, 58-59, 59b, 60-84; pl. 85-107, 109-124* distr. post Aug 1805.

fasc.	pages	*plates*	dates
1	[i*], i-vi, 1-20	*1-10, 7b*	Mar 1785
2	[i*], vii-viii, 21-40	*11-20*	Jan 1786 vel Dec 1785 sero
3	[i*], ix-x, 41-62	*21-30, 30b*	Mar 1786
4	[i*], xi-xii, 63-102	*31-48*	Mar-Apr 1788
5	[i*], xiii-xiv, 103-134	*49-64, 52bis, 53bis, 56bis, 57bis, 59b*	Jan 1789
6	[i*], xv-xvi, 135-181	*65-84*	Sep 1791
Consp.	183-184		Sep 1791
7-9	—	*85-107, 109-124*	Aug 1805

The book remained unfinished. L'Héritier had planned to issue 2 volumes with a total of at least 120 plates. Several libraries have copies that contain extra plates in addition to the 91 published during L'Héritier's life-time. The extra plates stem from the 1805 sale of his estate, or are (rarely) proofs or preprints sent by him to colleagues. The book is a broadsheet (not a folio) production. The main part contains 91 line engravings of which 54 are of drawings by P. J. Redouté. Some copies have coloured plates (partly colour-printed, finished by hand); one or two copies are known to have a double set (plain and coloured) plates (one at Lawrence Kansas, KU). – See Buchheim (1965) for a very detailed study of the book (analytical bibl., collations, variants, history, updated nomenclature); see also BM 3: 1108, HU 673, and the *Prospectus*, below.
Ref.: Bartlett, H. H., Fiftyfive rare books 1949, 20-52.
Buchheim, G., Huntia 2: 29-58. 1965 [1966].
Cavanilles, A. J., Observations sur le cinquième fascicule de M. L'Héritier, J. Phys. 1789: 1-10.

4485. *Prospectus* de l'ouvrage intitulé: *Stirpes novae*, aut minus cognitae, descriptionibus et iconibus illustratae. In-fol. Par M. L'Héritier, ... [p.2: A Paris (de l'imprimerie de Ph.-D.Pierres, ...)1785]. (*Prosp. Stirp. nov.*).
Publ.: 1785 (permis d'imprimer: 18 Feb 1785), p. 1-2.
Copy: G.– It was planned to publish about 4 fascicles per year, each containing 10-12 plates. The paper for the regular issue was "papier grandeur de Chapelet demi-feuille." Sixty copies were to be printed on "papier Vélin grand raisin," some of these would contain coloured plates. The first cahier "est en vente." It was possible to order copies with a double set of plates: coloured and uncoloured.

4486. *Louichea* s.l.n.d. [Paris 1787 v. 1788]. Fol. (*Louichea*).
Publ.: Dec 1787 or Jan 1788, p. [i, h.t.], *plate*, [iii-iv]. *Copies*: G, NY. – Later published in *Stirpes novae* (p. 135-136, *pl. 65*). Only five copies seem to have been printed.

4487. *Virgilia* s.l.n.d. [Paris 1788]. Fol. (*Virgilia*).
Publ.: Jan-Jun 1788 [i, h.t.], plate by P. J. Redouté, [iii-iv]. *Copies*: BM (*1 pl.*), G (*1 pl.*), NY (*2 pl.*). – It is possible that there were two different "editions". The Genève copy has bound with this issue plates of *Oxybaphus* and *Tricatas* (mentioned by PR, ed. 1, as 5851, 5852); Dryander mentions *2 pl.*(copy B. M. Bloomsbury (n.v.)).

4488. *Kakile, cum animadversionibus in Buniadem, Myagrum et Crambem*, s.l. 1788. (*Kakile*).
Publ.: *Not* published. Two sets of proof-sheets are known (P, G) [1, h.t.], (3)-(11), at G bound with a plate showing *Podocarpus*.

4489. *Michauxia* s.l.n.d. [Paris 1788]. Fol. (*Michauxia*).
Publ.: "ed." 1, Mar-Apr 1788; "ed." 2, Jul 1788. It is hardly possible to speak of editions here although L'Héritier did so. Since we have not seen copies of the two editions at the same time, it is unknown to us whether there are differences. We have seen the copies at G (p. [i-iv], without plates, *pl. 1* mentioned in the text) and at NY (p. [i] and *2 pl.* with text).

4490. *Hymenopappus* s.l.n.d. [Paris 1788]. Fol. (*Hymenopappus*).
Publ.: Aug-Dec 1788, p. [i, h.t.], [iii-iv], *1 plate. Copies*: G, NY.

4491. *Buchozia* s.l.n.d. [Paris 1788]. Fol. (*Buchozia*).
Publ.: Aug-Dec 1788, p. [i, h.t.], [iii-iv], *plate. Copies*: G, NY.

4492. Car. Lud. L'Héritier, Dom. de Brutelle, in Aulâ Juvam. Par. Reg. Consil. *Sertum anglicum* seu plantae rariores quae in hortis juxta Londinum, imprimis in horto regio Kewensi excoluntur, ab anno 1786 ad annum 1787 observatae. Parisiis (typis Petri-Francisci Didot). Prostat Parisiis (apud Lud. Nic. Prévost, Theophil. Barrois), Londini (apud Rud. Graeffer), Argentorati [Strasbourg] (apud Armand. Koenig) 1788. Broadsheet. (*Sert. angl.*).
Publ.: as below, p. [i-iv], [1]-36, *pl. 1-15, 15bis, 16-34* for details see reprint 2 (article Blunt). *Copies*: Allan Hancock Found., BAS (Univ.), BH, BM, BR, DS, FI, G, HH(2), HU, JE, K, LINN, ND, OXF (Radcliffe), P, PH, S, Teyler, UC(2), USDA, W; IDC 5532.– For analytical bibl. formula see HU 692; a detailed description is given in Huntia 1: 21-24. 1964; see also Cat. Redout. no 3.

fasc.	pages	*plates*	dates
1	[i-iv], 1-36	*1-2*	early Jan 1789
2	no text	*3-12*	Mai 1790
3	no text	*13-24, 15bis*	Apr 1792
4	no text	*25-34*	late 1792

Issue on velin paper: Paris (Bibl. natl.), broadsheet, as above but all plates unfolded, size 600 × 440mm, plates coloured.

Reprint 1 [post 1800]: Sertum anglicum, ... observatae. Parisiis (typis Petri-Francisci Didot) prostat Parisiis (apud Lud. Nic. Prévost./Theophil Barrois) Londini (apud Rud. Graeffer), Argentorati (apud Armand Koenig). 1788. [i.e. post 1800]. Fol.
Publ.: Even though dated 1788, this reissue, with the text on 20 p., and in folio, was probably published as a whole after L'Héritier's death; see Stafleu, p. xxxvii of reprint 2. p.[i-iv], [1]-20, *pl. 1-34, 15bis. Copies*: AMD, HH, L, NY, P(Bibl. nat.) REN, MO, U.
Reprint 2: Pittsburg Pennsylvania (The Hunt Botanical Library) 1963. Facsimile of orig. ed. with critical studies and a translation; frontisp. (col.) [i]-xcviii, [i.h.t.], facsimile: [i-iv], [1]-36, *pl. 1-15, 15bis, 16-34*, [1-11, indexes, 12, colophon]. *Copies*: FAS, HU, U, US, USDA. Number of copies printed: 2000. Plates reduced (except for imprints; these were pasted up separately), imprints on *pl. 16* reversed. – Introductory articles by J. S. L. Gilmour, C. J. King, L. H. J. Williams (botany), W. Blunt (artists), and F. A. Stafleu (biography, bibliography).
Ref. : MacPhail, I., Cat. Redout. 37. 1963.
MacVaugh, R., Huntia 1:22-23. 1964 (sample treatment Bibl. Hunt.).
Townsend, A.C., J.Soc. Bibl. nat. Hist. 4: 200-201. 1963 (rev. facsimile ed.)

4493. Car. Lud. L'Heritier, Dom. de Brutelle, in Aulâ Juvam. Par. Reg. Consil. *Cornus*.Specimen botanicum sistens descriptiones et icones specierum Corni minus cognitarum. Parisiis (Typis Petri-Francisci Didot) ... Prostat Parisiis (apud Ludovicum Nicolaum Prévost, Theophilum Barrois), Londini (apud Petrum Elmsly) Viennae (apud Rudolphum Graeffer) Argentorati [Strasbourg] (apud Amandum Koenig) 1788 [1789]. Broadsheet. (*Cornus*).
Publ.: 1 Jan-21 Feb 1789, p. [i], [1]-15, *pl. 1-6*. The copy at G has two sets of plates, coloured and plain; copper engr. of drawings by L. Freret (3) and P. J. Redouté (3). *Copies*: FI, G, HU, MICH, MO, NY; IDC 6019. The copies with coloured and uncoloured sets of

plates (G, Sotheby) belong to a set of six printed on vellum, with all six plates coloured by the Redoutés. See HU 698 for anal. bibl. details.
Reprint text: Usteri, P., Del. Opusc. bot 2(16). 1793, *2 pl.*
Ref.: GF p. 65; HU 698; Sotheby 452; ST p. 71.
Britten, J. and B. B. Woodward, J. Bot. 43: 272.1905.
Stafleu, F. A., *in* L'Héritier, Sertum anglicum, facsimile, Pittsburgh 1963, p. xxix, xxx.
MacPhail, I., Cat. Redout. 36. 1963.
Lawalrée, A., Cat. Redout. 100-101. 1963.

4494. Car. Lud. L'Héritier, Dom. de Brutelle, in Aula juvam. Paris Reg. Consil. *Geraniologia*, seu Erodii Pelargonii, Geranii, Monsoniae et Grieli historia iconibus illustrata. Parisiis (Typis Petri-Francisci Didot.) Prostat Parisiis (apud Ludovicum Nicolaum Prévost, Theophilum Barrois), Londini (apud Petrum Elmsly), Viennae (apud Rudolphum Graeffer), Argentorati [Strasbourg] (apud Amandum Koenig) 1787-1788 [1792]. Fol. (*Geraniologia*).
Publ.: Apr 1792, p. [i, t.p.], *pl. 1-44*. *Copies*: FI, G, HU (*pl. 14* lacking), MICH (no t.p., *44 pl.*), MO (no t.p., *pl. 1-13, 15-24, 26-28, 30-44*); IDC 6021. – For a discussion of the history of this book see Britten and Woodward (1905) and Stafleu (1963). The text was not published until 1802 (see below); the unfinished manuscript came in the hands of A.P. de Candolle. Proofsheets of a *Compendium generalogium* [sic] are at G, 64 p. These sheets were not effectively published by L'Héritier himself although he sent the first three to Banks and perhaps also to other botanists. However, Guittonneau (1967) has shown that three copies of the text were sold on 10 Mai 1802 (public sale of L'Héritier's library). This constituted indeed effective publication as of that date. Other copies of this text are at the Bibliothèque nationale and at the Muséum d'Histoire naturelle, both at Paris.
Plates: 33 of the 44 uncoloured engravings are after drawings by P. J. Redouté (excellent quality; early work), the others are by C. Aubriet (1), L. Freret (*pl. 14*; in first state ascribed to" P. J.Redouté") (1), Pernotin (3), H. J. Redouté (1), James Sowerby (6), S. Taylor (1). (J. P. Redouté stands for P. J. Redouté). The plates were re-issued, probably from the original stock, by Garnery, Paris 1813. Several of the drawings used in this work were made during L'Héritier's stay in London. If regularly published, it would have been a fitting pendant to the *Sertum anglicum*.
Facsimile ed.: Boerhaave Press. Leiden, 1978 p. [i], *pl. 1-44*.ISBN 90-70153-08-4. *Copy*: FAS. (see Taxon 27: 423. 1978).
Ref.: GF p. 65; Sotheby 451; ST p. 71-72; TL-1/686.
Britten, J. and B. B. Woodward, J. Bot. 43: 271. 1905.
Guittoneau, Bull. Soc. bot. France 114: 42-45. 1967.
McPhail, I., Cat. Redout. 64. 1963.
Stafleu, F. A., *in* L'Héritier, Sertum anglicum, facsimile, Pittsburgh 1963; Taxon 27: 140. 1978 (announcement reprint).

L'Herminier, Ferdinand (1802-1866), Guadeloupe physician and botanist of French descent at Point à Pitre, son of the French pharmacist and plant collector Félix Louis L'Herminier. (*L'Herminier*).

HERBARIUM and TYPES: Main collections at P and PC; important sets also at BM, G, W and formerly at B (for the greater part destroyed). Both father Félix Louis (1779-1833) and son Ferdinand collected and the labels often do not indicate which of them was the collector. For further details see Urban (1902) and Sayre (1975).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 378 (father and son); CSP 4: 1; IH 2: 439 (entry on p. 271 incorrect); Lasègue p. 315, 491, 505; ME 1: 206, 3: 616 (father); Urban-Berl. p. 306; Tucker 1: 426.
Anon., Bull. Soc. bot. France 16 (Bibl.): 47. 1869 (sale herb.)
Beck, G., Bot. Centralbl. 34: 149. 1888.
Bennett, J., Contr. Charleston Mus. 4: 13-15. 1923 (on Félix L'H.).
Candolle, Alph. de, Phytographie 428. 1880 (coll.).
Ewan, J., *in* J. F. Leroy, ed., Bot. franç. Amér. nord 36. 1957 (on Félix L'H.).
Fée, A. L. A., Bull. Soc. bot. France 14: 57-58. 1867.
Geiser, S. W., Natural. Frontier 242. 1948 (on Félix L'H.).
Guibourt, N.J.B.G., Notice sur Félix Louis L'Herminier. Paris 1834 (n.v.).

Lacroix, A., Figures de savants 4: 157. 1938 (on Félix L'H.).
Pritzel, G. A., Linnaea 19: 457. 1847 (on Félix L'H.).
Sayre, G., Mem. New York Bot. Gard. 19(3): 360. 1975.
Urban, I., Symb. ant. 1: 12, 52. 1898, 3: 75. 1902 (b. 20 jun 1802, d. 11 Dec 1866; original information provided by A. Duss).
Willis, E., Bull. Charleston Mus. 2: 29-30. 1906 (in exile: superintendent Charleston Mus.).

NOTE: Félix Louis L'Herminier (b. 18 Mai 1779, Paris; d. 25 Oct 1833, Paris), father of Ferdinand L'H. resided in Guadeloupe from 1795-1829 (except for brief visits to S. Carolina and to St. Bartholomew). The above references refer to father and/or son. The indication" Félix-Léon" in A. Guillaumin, Fl. jard. xxxix, is an error. Further notes on F. L. L'H.: Barnhart, J.H., J. New York Bot. Gard. 18: 241. 1917.

EPONYMY: *Herminiera* Guillemin & Perrottet (1832).

Lhotsky [Lhotzky], **Johann** [baptized Jan] (1800-1860's), Austro-Hungarian naturalist and plant collector born in Poland of Czech parentage; Dr. Med. Wien 1830; in Brazil (1830), in Australia (New South Wales) (1832-1836); Tasmania 1836-1838; in London 1838-1840. (*Lhotsky*).

HERBARIUM and TYPES: No original herbarium known; collections from Australia (1832-1836) at B, CN, FI, G, HAL, KIEL, LE, LY, LZ, MEL, OXF, P, W; from Brazil (1830-1832) at B, BR, G, HAL, K, LE, LZ, MO, NY, P, PR, W (distributed by Esslingen Reiseverein). Manuscript notes and a map of the excursion in the Australian Alps are at BM (Bloomsbury). Some letters at K.

BIBLIOGRAPHY and BIOGRAPHY: Austral. enc. 5: 296-297; Austral. dict. biogr. 2: 114-115; Barnhart 2: 378; BB p. 187; Clokie p. 199; CSP 4: 2, 6: 713, 12: 445; Desmond p. 385; IH 2: 439-440; Kew 3: 435; Lasègue p. 73, 236, 281-282, 308, 482, 506, 574; Maiwald p. 90, 103, 118, 124, 178; PR 5280; Rehder 5: 509.
Anon., Flora 12(2): 634-637. 1829, 13(Beil. 1): 37-40. 1830, 14(2): 647-656. 1831, 15(Int. 2): 25-40. 1832, 17(1): 239. 1834.
Bailey, F. M., Proc. Roy. Soc. Queensland 8(2): 125. 1890/91.
Baines, J. E., Vict. Natural. 90: 228. 1973 ("Jan" of Czech parentage).
Baur, K., Jahrb. Gesch. Oberdeut. Reichsst. 16: 234, 255, 256. 1970 (coll.).
Beck, G., Bot. Centralbl. 34: 149. 1888 (coll. at W).
Candolle, Alph. de, Phytographie 428. 1880 (coll.).
Hooker, J. D., Flora Tasmaniae 1: 125. 1856.
Iredale, T., Austral. Zool. 3(6): 223-226. 1924 ("Lhotsky's Lament," on Lhotsky and the ornithologist Coxen).
Jessen, K. F. W., Bot. Gegenw. Vorz. 486. 1864.
MacPherson, Medic. J. Australia 1: 661-667. 1938 ("The turbulent Dr. Lhotzky", many interesting details from original sources).
Maiden, J. H., J. Proc. R. Soc. N.S.W. 42: 72-74. 1908; Pap. Proc. R. Soc. Tasmania 1909: 21.
Miller, H. S., Taxon 19: 530-531. 1970.
Moldenke, H. N., Plant life 2: 69. 1946 (1948) (epon.).
Urban, I., Fl. bras. 1(1): 42. 1906 (itin.).
Wakefield, N. A., Vict. Natural. 92(11): 228-243. 1975 (on L's excursions into the Australian Alps).
Whitley, J., Proc.R. Austral. Hist. Soc. 19(5): 318-321. 1933.

EPONYMY: *Lhotskya* J. C. Schauer (1836).

4495. *A journey from Sydney to the Australian Alps,* undertaken in the months of January, February, March, 1834. Being an account of the Country traversed, its aborigines, etc. together with some general information respecting the colony of New South Wales. Sydney 1835 (sold by J. Innes, Bookseller ... London) (n.v.). (*Jour. Austral. Alps*).
Publ.: 1835, 110 p. Seven and a half sheets printed of which seven were published, (issued fortnightly). We did not see this publication; a copy is at the Mitchell Library, Sydney.

For further information see e.g. Iredale (1924), MacPherson (1938) and Wakefield (1975). Lhotsky also presented a copy to LINN.
Note: Lhotsky published the anonymous" *Illustrations of the present state and future prospects of the Colony of New South Wales* by an impartial observer" Sydney, 1835 (fide Whitley 1933).

Li, Hui-Lin (1911-x), Chinese botanist, MS Yenching University; Ph. D. Harvard 1942; at Univ. of Pennsylvania 1943-1946; professor of botany at Soochow Univ., China, 1946-1947; id. at National Taiwan University 1947-1950; from 1952 in various functions at the University of Pennsylvania, from 1974 John Bartram professor of botany; naturalized U.S. citizen 1962. (*Li*).

HERBARIUM and TYPES: PH (still private in 1979, but to be transferred formally before 1981).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 378; Bossert p. 237; Hortus 3: 1198; Langman p. 443; MW suppl. p. 198-200; Roon p. 69.
Eckardt, Th., Bot. Jahrb. 80: 33-34. 1961 (rev. of his *Garden Flowers of China*, New York 1959), 83: 3-4. 1964 (rev. of his *Woody-flora of Taiwan*, Philadelphia, Narberth. 1963; see also Taxon 12: 302-303. 1963, 20: 632. 1971).
Ewan, J. et al., Short hist. bot. U.S. 117. 1969.

Libert, Marie-Anne (1782-1865), Belgian botanist, born in Malmédy. (*Lib.*).

HERBARIUM and TYPES: BR; other material at LG. – Exsiccatae: *Plantae cryptogamicae quas in Arduenna* collegit, fasc. 1-4, nos. 1-400, 1830-1837, sets at B (destroyed), BM, BR, DAO, FH, G, K, L, LG, PAV, PC, S, W. – L's library was dispersed by sale in Nov 1861. The manuscript of the text accompanying the *Plantae cryptogamicae* is at BR. – Specimens from the Libert herbarium were distributed by BR in 1879-1881 as *Reliquiae Libertianae*, types originaux don du Jardin Royal de Bruxelles". See Marchal (1872) and Thümen (1888); see also Bull. Soc. bot. France 27(bibl.): 47. 1880.

NOTE: Malmédy belonged to the principality of Liège in 1782 but became part of Prussia under the 1815 treaties. Mlle Libert then became Prussian by nationality but remained Belgian by birth, avocation and culture:" je suis Belge, moi; je suis née Belge et je mourrai Belge" (Du Mortier 1865). At her death she left a" dictionnaire wallon-français" of 599 mss. pages (see Haerens 1963).

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 600; Backer p. 328; Barnhart 2: 378; Bossert p. 237; CSP 4: 5, 8: 220, 12: 446; Frank 3 (Anh.): 57; GR p. 690-691, cat. p. 67; Herder p. 237; Hortus 3: 1198; IH 1 (ed. 6): 361, 2: 440; Kelly p. 128, 254; Kew 3: 436; LS 15366-15373; PR 5282 (ed. 1: 5855); SBC p. 125 ("Lib."); Stevenson p. 1249; TL-2/2: see A. L. S. Lejeune.
Anon., Bot. Zeit. 23: 108. 1865; Bull. Soc. bot. France, 12(bibl.): 95-96. 1865 (epon.); Bull. Soc. mycol. France 23: frontisp. portr. 1907; Flora 48: 60. 1865. Österr. bot. Z. 15: 90. 1865 (d. 13 Jan 1865, Malmédy).
Baines, J. E., Vict. Natural. 90: 228. 1973 (epon.).
Bouillenne, R., Acad. r. Belg. Bull. Cl. Sci. ser. 5. 51: 857-859. 1965.
Candolle, Alph. de, Phytographie 428. 1880.
Crépin, F., Guide bot. Belg. 233, 234, 457. 1878.
Du Mortier, B. C. J., Bull. Soc. bot. Belgique 4: 403-411. 1865 (obit., bibl.).
Evens, F. M. J. C., Gesch. algol. Belgie 179. 1944.
Haerens, G., Bull. trim. Cercle Libert Malmedy 1(3): 21-24, (4): 34-36. 1953 (portr.), 11(3): 34-43. 1963.
Laundon, J. R., Lichenologist 11: 13. 1979.
Lawalrée, A., Lejeunia 21: 7-19. 1957 (extensive information; letters to her by Lejeune); Rev. de Bot. 21: 7-9, *pl. 1-2*. 1959.
Lawalrée, Lambinon and Demaret, Marie-Anne Libert, botaniste, extrait de Marie-Anne Libert 1782-1865, Malmédy 1965, p. 115-126.
Leroy, J., Hautes Fagnes 1965(1): 85-87 (commémoration).
Marchal, E., Bull. Soc. Bot. Belg. 11: 3-15. 7 Nov 1872 (coll., Reliquiae Libertianae), also issued separately, *Reliquiae Libertianae*, Gand (Imprimerie C. Annoot-Braeckman) 1872, p. [1]-14, *copy*: BR.

Morren, Ch., Les femmes et les fleurs, discours prononcé le 11 mars 1838. Liège 1838, p. 34 (fide Morren 1868, p. vi).
Morren, Ed., Marie-Anne Libert de Malmédy, sa vie et ses oeuvres. Gand, 1868, 13 p. (bibl., portr.), reprinted from Belg. hort. 5: v-xv. 1868).
Roumeguère, C., Rev. mycol. ser. 2. 8: 7-24. 1 Jan 1880 (letters on *Pl. crypt.* and notes on the publication of the *Reliquiae*; on p. 15-24, *Revisio Reliquiae Libertianae* I); 3(11): 39-59, *pl. 19-20.* 1 Jul 1881 (series altera); [with R. A. Saccardo:] 5: 233-239, *pl. 39-41.* 1 Oct 1883 (series tertia); 6: 26-39. *pl. 42-46.* 1 Jan 1884 (series quarta).
Sayre, G., Mem. New York Bot. Gard. 19(1): 33. 1969 (exsicc.), Bryologist 80: 512. 1977.
Thümen, F. v., Reliquiae Libertianae [1883], 7 p. (identif.).
Wittrock, V. B., Acta Horti Berg. 3(2): 88. 1903.

COMPOSITE WORKS: (1) Lejeune, *Fl. environs Spa* 2: 272-285. 1815 (vascular cryptograms). (2) See Roumeguère, C., for *Reliquiae mycologicae libertianae.*

MEMORIAL PUBLICATION: *La Belgique horticole* vol. 5, 1868 (portr., obit. by Ed. Morren, bibl.; "sa vie et ses oeuvres.").

HANDWRITING: Lawalrée, Lambinon and Demaret, Marie-Anne Libert, botaniste, 1965 (see above), plate facing p. 13.

EPONYMY: *Asterolibertia* Arnaud (1918); *Libertella* Desmazières (1830); *Libertia* Dumortier (1822, *nom. rej.*); *Libertia* K. P. J. Sprengel (1824, *nom. cons.*); *Libertia* Lejeune (1825); *Libertiella* Spegazzini & Roumeguère (1880); *Libertina* F. von Höhnel (1920); *Myxolibertella* F. von Höhnel (1903).

4496. *Mémoires sur des cryptogames* observées aux environs de Malmédy ... Paris (au secrétariat de la Société Linnéenne, ...) 1826. Oct. (*Mém. crypt.*).
Publ.: Sep 1826 (in journal), p. [1]-7, *pl. 5* (uncol. copper engr.). *Copies*: BR, MICH. – Reprinted from Mém. Soc. Linn., Paris 5: 402-403, 404-406. 1827 (publ. Sep 1827, see MD p. 182).

4497. *Plantae cryptogamicae quas in Arduenna collegit* M. A. Libert, ... fasciculus primus [-quartus]. Leodii [Liège, Luik] (Typis Jacobi Desoer, bibliopolae, ...) 1830-1837. Qu. (*Pl. crypt. Arduenna*).
Publ.: Text accompanying the above-mentioned series of exsiccatae. *Copy*: BR (with mss.).
1: 1830, p. [1]-8, [1, ind.].
2: 1832, p. [i-iii], [1, ind.].
3: 1834, p. [i-iii], [1, ind.].
4: 1837, p. [i-iii], [1, ind.].
Ref.: Sayre, G., Mem. New York Bot. Gard. 19(1): 33. 1969.

Liboschitz, Joseph (1783-1824) Russian (Austro-Hungarian) botanist and physician in St. Petersburg; later in Vienna. (*Libosch.*).

HERBARIUM and TYPES: LE.
BIBLIOGRAPHY and BIOGRAPHY: Backer p. 656; Barnhart 2: 378; BM 3: 1109; Bret. p. 337; CSP 4: 6; Frank 3(Anh.): 57; GB p. 65; Herder p. 462; Hortus 3: 1198 ("Libosch."); Jackson p. 330; Kew 3: 436; LS 15373a-15374; NAF 7(15): 1075; NI 1191; PR 5283-5286 (ed. 1: 5856-5859); Rehder 5: 509; TL-1/1334; TR 781-784; Zander ed. 10, p. 685, ed. 11, p. 781.
Herder, F.v., Bot. Centralbl. 55: 290. 1893, 58: 386. 1894 (Trinius et Liboschitz, Musci petrop. mosq. at LE).
Lipschitz, S., Florae URSS fontes nos. 618, 619. 1975.
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 1: 1450, 1582. 1863.

4498. *Beschreibung eines neuentdeckten Pilzes* in einer an den Herrn Joseph Freyherrn v. Jacquin ... gerichteten Zuschrift von Joseph Liboschitz ... mit einer illuminirten Kupfertafel. Wien (In der Camesina'schen Buchhandlung.) 1814. Fol. (*Beschr. Pilz.*).

Publ.: 1814, cover, p. [1-8], *1 pl.* (hand-col. copper engr.). *Copy*: MO. – On *Dendromyces Stevenii.*

4499. *Flore des environs de St. Petersbourg et de Moscou,* pour servir aux amateurs de la botanique et des jardins, aux médecins, pharmaciens, manufacturiers, teinturiers, economes &c. &c. par Joseph Liboschitz ... et Charles Trinius ... ornée de figures en taille-douce. St. Petersbourg (L'imprimerie de la marine) 1818. Qu. (*Fl. St. Petersbourg*).
Co-author: Carl Bernhard [von] Trinius (1778-1844).
Publ.: In four parts, 1811-1818 (p. ii: 15 Nov 1817), p. [i-xii], [1]-244, [1, ind.]. *Copies*: B-S, MO, NY, USDA. - *1*: 1-63, *pl. 1-10.* 1811; *2*: 65-121, *pl. 11-20.* 1811; *3*: 123-125, *pl. 21-30.* 1812 (?); *4*: 187-244, *pl. 31-40.* 1818. – The plates are hand-coloured copper engr. Title also in Russian. The above t.p. is that for the complete work (USDA); the copies at B-S, MO and NY have a different t.p.:" Flore ... et de Moscou, par Joseph Liboschitz et Charles Trinius, Médecins. Tome premier." À St. Petersbourg (De l'imprimerie de Pluchart et Cie.) 1811, p. [i-ix], [1]-121, [122, cont.], *40 pl.* (p. ii: Nov 1811). From these copies it would appear that all plates had been published by 1811.

Lichtenstein, August Gerhard Gottfried (1780(?)-1851), German botanist at Helmstädt. (*A. Licht.*).

HERBARIUM and TYPES: Unknown. H's considerable herbarium (45.000 specimens) was sold after his death. It contained material collected and/or distributed by Hohenacker, Hochstetter, Drège, Hampe, etc.

DATES: BM and PR give *b.* 1780, but Barnhart notes that this is a confusion with the zoologist and surgeon Martin Heinrich Karl Lichtenstein (b. 10 Jan 1780, d.d 3 Sep 1857; see Bonplandia 5: 330, 6: 337) who collected also botanical material during his stay in South Africa (1802-1806) (see e.g. Lasègue and Zep-Tim, p. 75; "Hinrich"; Dr. med. Helmstedt 1802; from 1809 in Berlin; founder, 1844, of the Zoolog. Garten and its director until 1857).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 378; BM 3: 1109, 4: 1552; Herder p. 138; Jackson p. 15; Kew 3: 437; PR 5287 (ed. 1: 5860); Rehder 5: 509.
Anon., Bot. Zeit. 9: 856, 925-926. 1851 (herb. for sale); Flora 35: 79. 1852; Österr. bot. W. 2: 7. 1852 (herb. for sale), 2: 44. 1852 (d. 3 Sep 1851).

EPONYMY: *Lichtensteinia* Willdenow (1808, *nom. rej.*). *Lichtensteinia* Wendland (1808, *nom. rej.*), and *Lichtensteinia* Chamisso & Schlechtendal (1826, *nom. cons.*) are dedicated to Martin Heinrich Karl Lichtenstein (1780-1857), German zoologist and botanist, who travelled and made botanical collections in Southern Africa (1802-1806).

4500. *Index alphabeticus generum botanicarum* quotquot a Willdenovio in speciebus plantarum et a Persoonio in synopsi plantarum recensentur concinnatus ab A. G. G. Lichtenstein, ... Helmstadii (impressus typis Leuckartiorum patris et filii.) 1814. Qu. (*Index gen. bot.*).
Publ.: 1814, p. [i]-viii, [1]-88. *Copies*: B (photocopy), G, HH.

Lichtenstein, Georg Rudolph (1745-1807), German botanist; 1774-1804 professor of medicine at the Julius-Carl-Universität at Helmstädt. (*G. Licht.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 32, 344; PR 5288 (ed. 1: 5861); SO 685. Poggendorff, J. C., Biogr.-lit. Handw.-Buch 1: 1453. 1863 (d. 28 Mai 1807; bibl.).

4501. *Anleitung zur medicinischen Kräuterkunde* für Aerzte und Apotheker ... von D. Georg Rudolph Lichtenstein ... Helmstädt (druckts und verlegts, Johann Heinrich Kühnlin) 1782-1786, 2 vols. (in 4). Oct. (*Anleit. med. Kräuterk.*).
Publ.: in two volumes; vol. 2 in three parts. *Copy*: M.
1: Aug-Dec 1782 (NZgS 11 Sep 1783; p. xiv: 19 Jul 1782). p. [iii]-xiv, [1]-208, *pl. 1-8* (uncol. copp.).
2(1): 1785, p. [i]-iv, [1]-268.

(*2*): 1786, p. [i], 269-530.
(*3*): 1786, p. [i]-viii, [531]-946.

Lickleder, Max (1826-1893), German Benedictine clergyman; ordained Metten 1851; high school teacher and bryologist at the Studien-Anstalt Metten. (*Lickl.*).

HERBARIUM and TYPES: In 1911 still in the Metten monastery but later destroyed by fire (Mägdefrau 1978).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 379; CSP 16: 769.
Anon., Ber. bot. Ver. Landshut 13: 113-114. 1894 (note preceding L's posthumous *Die Lebermoose der Umgegend von Metten*, ib. 115-124).
Familler, I., Denkschr. bay. bot. Ges. Regensburg 11: 10, 12, 15. 1911. (herb., b. 23 Dec 1826, d. 15 Dec 1893).
Mägdefrau, K., Hoppea 37: 146. 1978.

4502. *Die Moosflora der Umgegend von Metten.* (I. [II.] Abteilung). Beilage zum Jahresberichte der Studien-Anstalt Metten für 1889/90 [1890/91] von P. Max Lickleder, O.S.B., Studienlehrer. Druck der Jos. Thomann'schen Buchdruckerei in Landshut. [1890-1891]. (*Moosfl. Metten*).
1: Mar 1890 (Bot. Centralbl. Apr 1890; Nat. Nov. Sep(1) 1890; Bot. Zeit. 27 Feb 1891), p. [1]-62, *1 pl.*.
2: prob. Jul-Aug 1891 (Bot. Zeit. 29 Jan 1892), p. [63]-128, [1, index].
Copies: MO-Steere (2). – *Hepaticae*: See Lickleder, Ber. bot. Ver. Landshut 13: 115-124. 1894.

Licopoli, Gaetano (1833-1897), Italian botanist at Napoli; high school teacher and assistant at the Napoli botanical garden; student of Gasparrini (*Licopoli*).

HERBARIUM and TYPES: NAP, PAD, POR.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 379; BL 2: 385, 682; BM 3: 1110, 7: 630; Bossert p. 237; Cesati p. 44; CSP 8: 221, 10: 591, 12: 446, 16: 769; De Toni 1: lxxviii, 2: lxxvi; GR p. 518 (d. 7 Aug 1897), cat. p. 67; IH 1 (ed. 6) 2: 440; Jackson p. 87, 320; Morren ed. 2, p. 26, ed. 10, p. 85; PR 5289 ed. 1; Rehder 5: 509; Saccardo 1: 96 (b. 3 Aug 1833), 2: 63; Tucker 1: 426.
Anon., Bot. Centralbl. 72: 287. 1897 (d. 7 Aug 1897), 74: 380. 1898; Nat. Nov. 19: 575. 1897 (d.); Bot. Not. 1898: 45.
Balsamo, F., Bull. Orto bot. Napoli 3: 54-55. 1913 (portr., b. 3 Aug 1833, d. 7 Aug 1897).
Delpino, F., Rendic. Accad. Sci. fis. mat. Napoli ser. 3. 4(1): 22-25. Jan 1898 (obit.) Napoli 1898. 3 p.
Geremicca, M., Della vita e delle opere di G. Licopoli, Napoli 1899 (n.v.).
Kneucker, A., Allg. bot. Z. 3: 208. 1897 (d.).

4503. *Storia naturale delle piante crittogame* che nascono sulle lave *vesuviane* . . . Napoli (stamperia del Fibreno . . .) 1871. Qu. (*Stor. nat. pl. critt. vesuv.*).
Publ.: 5 Mai 1871 (p. 58; Bot. Zeit. 8 Sep 1871), p. [i, iii], [1]-58, *pl. 1-3* (uncol. lith. auct.). *Copy*: G. – Publ. as Atti Accad. Sci. fis. mat. Napoli 5(1), sess. 13 Nov 1869, 1871.
Ref.: Anon., Bull. Soc. bot. France 18 (bibl.): 205. 1872 (refers also to prel. publ.).

4504. *Di un viaggio botanico al Gargano* . . . Napoli (Stamperia del Fibreno . . .) 1872. Qu. (*Viagg. bot. Gargano*).
Co-author: Giuseppe Antonio Pasquale (1820-1893).
Publ.: 1872 (read session 6-13 Apr 1872), p. [1]-31. *Copy*: FI.– Atti Accad. Sci. fis. mat. Napoli 5(18), 1872.

4505. *Le galle nella flora di alcune province napolitane* . . . Napoli (Stab. Tipografico di Vincenzo Morano . . .) 1877. Qu. (*Galle napol.*).
Publ.: 1877 (BSbF 7 Nov 1877) p. [1]-64, *pl. 1-5*. *Copy*: FI.– Rev.: Bull. Soc. bot. France 25 (bibl.): 151. 1879.

Lid, Johannes (1886-1971), Norwegian botanist; curator of the Botanical Museum of Oslo University from 1919-1956. (*Lid*).

HERBARIUM and TYPES: O. Duplicates: DBN.

BIBLIOGRAPHY and BIOGRAPHY: BFM 1440, 1525; BL 2: 682 [index]; Bossert p. 237; Hirsch p. 175; IH 1 (ed. 6): 361, 2: 440-441; Kew 3: 437-439; Kleppa p. 327 [index]; Roon p. 69.
Holmboe, J., Norsk biogr. Leks. 8: 309-310. 1938 (bibl.).
Kunkel, G., Cuad. Bot., Gran Canaria 5: 3-4. 1969.
Löve, A., Taxon 2(2/3): 279-280. 1973 (on Lid and his wife Dagne Tande Lid, especially the latter's botanical art).
Mackechnie, R., Watsonia 9: 178. 1972.
Nilsson, N. G. et al., Sv. bot. Tidskr. 73: 555-562. 1979 (on *Norsk og Svensk Flora*).
Sayre, G., Bryologist 80: 512. 1977.
Størmer, P., Blyttia 24(4): 138-140. 1966, J. Bryol. 7: 107. 1972.
Sunding, P., Blyttia 29(4): 175-181. 1971 (portr., bibl. based on Kleppa); Cuad. Bot., Gran Canaria 14/15: 1, 3. 1972 (portr.).

COMPOSITE WORKS: Editor of "*Nytt magasin for naturvidenskapene*", later "*Nytt Magasin for Botanik*" 1942-1956. Published: *Norsk Flora* (1944; ed. 2. 1952; and *Norsk og Svensk Flora* 1963, ed. 3. 1974).

4506. *Sphagna from Novaya Zemlya* with an appendix by E. Jørgensen some mosses from Novaya Zemlya . . . Kristiania [Oslo] (A. W. Brøggers Boktrykkeri a/s) 1924. (*Sphagna Nov. Zemlya*).
Publ.:1924 (p. [8]: printed 8 Feb 1924), p. [1]-7, [8]. *Copies*: FH, FI, H.– Report of the Scientific results of the Norwegian Expedition to Novaya Zemlya 1921. no. 20.

Lidbeck, Eric Gustaf (1724-1803), Swedish botanist at Lund; Dr. phil. Uppsala 1749; adjunct nat. hist. Lund 1750, curator ("prefekt") of the botanical garden 1752; professor of natural history at Lund University 1756-1795. (*Lidb.*).

HERBARIUM and TYPES: SBT.

NOTE: L's son Anders Lidbeck (b. 26 Jul 1772, Lund; d. 11 Mai 1829, Stockholm) published e.g. a *Dissertatio de plantis, in suecorum memoriam nominatis*. Diss. . . . 22 Dec 1792, Lund. For further details see KR p. 388-389.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 379; BM 7: 630; Dryander 5: 326; Herder p.243; IH 2: 441; Kew 3: 439; KR p. 389 (b. 21 Jun 1724, d. 9 Feb 1803); LS 15384; PR 5293-5295 (ed. 1: 5865-5871); Rehder 5: 509-510; SO 2535, 2773.
Almborn, O., Tre sekler botanik i Lund 1968, p. 2 [Lund, mimeogr.].
Eriksson, G., Bot. hist. Sverige 360 [index]. 1969.
Fries, R. E., Short hist. bot. Sweden 37. 1950.
Fries, Th. M., Bref Skrifv. Linné 1(1): 191. 1907, 1(2): 64, 74, 87, 195, 247. 1908, 1(4): 64. 1910.
Lindman, S., Sv. män och kvinnor 4: 555. 1948 (portr.).
Hulth, J. M. & A. H. Uggla, Bref Skrifv. Linné 2(2): 206, 208. 1943.
Löwegren, Y., Naturaliekabinett i Sverige 355, 404 [index]. 1952 (L. was secretary to Linnaeus on his Västgöta trip).
Wittrock, V. B., Acta Horti Berg. 3(3): 22. 1905.

EPONYMY: *Lidbeckia* P. J. Bergius (1767).

4507. *Tal om planteringar*, hållet för Kongl. Vetensk. Academien, vid praesidii aflägande den 8. Januarii 1766. Af Eric Gustaf Lidbeck. Stockholm (Tryckt hos Direct. Lars Salvius) 1766. Oct. (*Tal planter.*).
Publ.: 1766 (read 8 Jan 1766) p.[1]-40. *Copy*: HU.

4508. D.D. *dissertatio* gradualis *fungos regni vegetabili vindicans*. Quam venia amplissimi

philosophorum ordinis praeside viro amplissimo & celeberrimo Erico Gustavo Lidbeck . . . publico examen subjicit Jonas Dryander, Gothoburgensis die xviii. Decembris mdcclxxvi l.h.c. Londini gothorum (typis Berlingianis) s.d. Qu. (*Diss. fung.*).
Author of text: Jonas Carlsson Dryander (1748-1810).
Publ.: 18 Dec 1776, p. [1]-16. *Copy*: NY. – Dryander himself (1797) lists this under the authorship of Lidbeck with the annotation" Resp. Jonas Dryander." Krok lists this as a Dryander publication because Dryander signed the dedication as "auctor". Reprinted by J. J. Roemer, Arch. Bot. 2(2): 202-209. 1801.

Lidforss, Bengt (1868-1913), Swedish batologist; Dr. phil. Lund 1893; lecturer in botany at Lund university 1897-1905, 1906-1911; professor of botany at Uppsala 1910-1911, at Lund 1911-1913. (*Lidf.*).

HERBARIUM and TYPES: LD; other material at C and GB. – *Rubus* types presumably lost.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 379; BL 2: 541, 682; BM 3: 1110, 7: 630; Bossert p. 237; CSP 16: 769; IH 2: 441; Kew 3: 439; KR p. 389-391 (b. 15 Sep 1868, d. 23 Sep 1913); Moebius p. 327, 337, 338; SO 2953.
Almborn, O., Tre sekler botanik i Lund, Lund 1968, p. 8.
Anon., Allg. bot. Z. 16: 80. 1910 (app. Uppsala), 19: 192. 1913 (id. at Lund); Ber. deut. bot. Ges. 31: (182), 369. 1913; Bot. Centralbl. 77: 320. 1897 (habil. Lund), 113: 640. 1910 (app. Uppsala), 123: 640. 1913 (d.). Bot. Not. 1883: 46, 1897: 192, 1905: 56, 1908: 256, 1913: 240, 1933: 66, 76; Hedwigia 50(2): 89, 1910 (app. Uppsala), Jahrb. wiss. Bot. 58: 818. 1915 (Schüller Pfeffers); Nat. Nov. 19: 548. 1897 (habil. Lund), 32: 288. 1910 (app. Uppsala), 35: 514. 1913 (d.); Österr. bot. Z. 60: 167. 1910, 63: 512. 1913 (d.); Sv. bot. Tidskr. 7: 320. 1913 (d.).
Beyer, N., Bengt Lidforss. Stockholm 1968, 451 p. (portr.).
Fries, R.E. et al., Short hist. bot. Sweden 91, 107, 122-123. 1950.
Gustafson, R., Sv. män och kvinnor 4: 559-561. 1948 (portr.).
Hjelmqvist, H., Bot. Not. 1958: 16, 17, 18, 32 (portr.).
Larsson, R., Bot. Not. 1913: 240-246 (portr.).
Rosenberg, O., Ber. deut. bot. Ges. 31: (118)-(126). 1914 (bibl.), Sv. bot. Tidskr. 8: 147-152. 1914 (portr., bibl.).
Sjövall, E., ed., Bengt Lidforss. Malmö 1923, 166 p. (portr., bibl.).
Vendelfelt, E., Den unge Bengt Lidforss. Lund 1962, 303 p. (portr.).
Weis, Fr., Bot. Tidskr. 33: 277. 1913 (obit.).
Wittrock, V. B., Acta Horti Berg. 3(2): 48. 1903, 3(3): 22-23, *pl. 114*. 1905 (portr.).

4509. *Studier öfver artbildningen inom släktet Rubus* [Uppsala (Almqvist & Wiksells boktryckeri . . .) 1905-1907]. Oct. (*Stud. Rubus*).
1: 7 Jun 1905, p. [1]-41. *Copy*: U. – Ark. Bot. 4(6). 1905. Reprints prob. Apr 1905.
2: 7 Sep 1907, p. [1]-43. *Copy*: U. – id. 6(16). Reprints prob. Mar-Apr 1907.
Ref.: Johannsen, [ed.], Z. Abst. Vererb.-Lehre 12: 1-13. 1914 (publ. of summary, in manuscript by L., of his work on *Rubus*).

Liebe, Karl Leopold Theodor (1828-1894), German ornithologist, mineralogist, geologist, and botanist; Dr. phil. Jena 1852; high school teacher at Hamburg (1852-1855); id. Gera (1855-1861 at the" Gewerbeschule", 1861-1894 at the "Rutheneum"); student of Oken and Schleiden. (*K.L.T. Liebe*).

HERBARIUM and TYPES: Originally at the Gera Rutheneum (Gymnasium); present location unknown to us.

BIBLIOGRAPHY and BIOGRAPHY: ADB 51: 702-703; Barnhart 2: 379 (*b.* 11 Feb 1828); BM 3: 1111; CSP 4: 9, 8: 222, 10: 592-593, 12: 446, 16: 772; Quenstedt p. 262-263.
Anon., S. B. Abh. naturw. Ges. Isis, Dresden 1894: 18-19 (b. 11 Feb 1928, d. 5 Jun 1894).
Fürbringer, Leopoldina 30: 171-173, 182-188, 199-202. 1894 (bibl.).
Poggendorff, J. C., Biogr.-lit. Handw.-Buch 4: 883. 1904. (bibl.).
Zimmermann, E., Jahrb. k. Preuss. geol. Landesanst., Berlin 15: lxxix-cxliv. 1894 (detailed obit., bibl.; L's publications were almost exclusively geological or ornithological).

Liebe, Theodor *fl.* 1862), German botanist, high school teacher at the Friedrichs-Werdersche Gewerbeschule in Berlin. (*T. Liebe*).

HERBARIUM and TYPES: Unknown.

NOTE: Theodor Liebe is *not* identical with the above K.L.T. Liebe. The latter was teacher at the Gera Rutheneum from 1861-1894; the present Theodor Liebe (the author of purely botanical publications) was teacher at the Friedrichs-Werdersche Gewerbeschule in Berlin from (at least) 1862 onward. We have not been able to find further details on Theodor Liebe, who is also the author of *Grundriss der speciellen Botanik*, Berlin 1866, ed. 3. 1891, and *Die Elemente der Morphologie* ed. 1, Berlin 1868, ed. 2. 1877, ed. 3, ib. 1881, ed. 4. 1888 (see BM 3: 1111).

BIBLIOGRAPHY and BIOGRAPHY: Jackson p. 61, 73, 572; Kew 3: 439; Langman p. 443-444; LS 15386; Morren ed. 10, p. 7; PR 5296-5298; Rehder 5: 510; Tucker 1: 427.
Ascherson, P., Fl. Provinz Brandenburg 1: 8. 1864.

4510. Jahresbericht über die städtische Gewerbeschule, womit zu der Dienstag, den 8 April 1862 stattfindenden öffentlichen Prüfung der Schüler die höchsten und hohen Behörden, so wie alle Gönner und Freunde des Schulwesens ehrerbietigst einladet der Director der Gewerbeschule Wilhelm Gallenkamp. Inhalt: 1) Ueber *die geographische Verbreitung der Schmarotzerpflanzen.* Vom Dr. Liebe. 2) Schulnachrichten. Vom Director. Berlin (Buchdruckerei von Gustav Lange, . . .) 1862. Qu. (*Geogr. Verbr. Schmarotzerpfl.*).
[*Part 1*:] shortly before 8 Apr 1862, p. [1]-36 (text Liebe on p. [1]-24). *Copies*: MO (compl.), NY (p. 1-24). Distributed with and without the "Schulnachrichten".
[*Part 2*:] Jan 1869, p. [1]-49 (text Liebe on p. [1]-34). *Copies*: MO (compl.), NY (p. 1-34). "Jahresbericht über die Friedrichs-Werdersche Gewerbeschule in Berlin womit zu der Dienstag 23. März 1869 . . . " Berlin (id.) 1869. Qu. Distributed id.
Ref.: Anon., Bull. Soc. bot. France 9: 695. 1864; 16 (bibl.): 57. 1867.
Ascherson, P., Bot. Zeit. 21: 38-39. 30 Jan 1863.

Lieblein, Franz Kaspar (1744-1810), German botanist and high school teacher at Fulda, "Hochfürstlich-Fuldischen Hofkammerrath und Hofapotheker". (*Liebl.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 379 (*b.* 15 Sep 1744, *d.* 28 Apr 1810); BM 3: 1112; Dryander 3: 157, 5: 326; Herder p. 185; Hortus 3: 1198 ("Liebl."); PR 5300 (ed. 1: 5877); Rehder 5: 510.
Drude, O., Hercyn. Florenbez. 6. 1902 (Veg. Erde vol. 6).
Poggendorff, J. C., Biogr.-lit. Handw.-Buch 1: 1461. 1863 (b. 15 Sep 1744, d. 28 Apr 1810).

4511. *Flora fuldensis* oder Verzeichniss der in dem Fürstenthume Fuld wildwachsenden Bäume, Sträuche und Pflanzen zum Gebrauch der hiesigen academischen Vorlesungen entworfen von Franz Kaspar Lieblein ... Frankfurt am Main (in der Andreäischen Buchhandlung) 1784. Oct. (*Fl. fuld.*).
Publ.: Feb-Mai 1784 (p. xvi: 1 Feb 1784; NZgS 27 Mai 1784 p. [i]-xvi, [1]-482, [1-14]. *Copy*: M.

Liebmann, Frederik Michael (1813-1856), Danish botanist; from 1837-1840 and 1845-1853 lecturer at the Copenhagen veterinary college; travelled in Cuba and Mexico 1840-1843; from 1845-1852 extraordinary professor of botany at Copenhagen University; in 1852 succeeding Schouw as ordinary professor and director of the Copenhagen botanical garden. (*Liebm.*).

HERBARIUM and TYPES: C (over 95,000); duplicates in many herbaria; see Sayre (1975) for details. Manuscripts and correspondence also at C (acquired 1860).

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 656; Barnhart 2: 379; BL 2: 478, 683; BM 3: 1112; CSP 4: 21-22; De Toni 1: lxxviii; Frank 3(Anh.): 58; GF p. 65; GR p. 684; Herder p. 463;

Hortus 3: 1198 ("Liebm."); IF p. 714; IH 1 (ed. 6): 361, 2: 441; Jackson p. 572; Kew 3: 410; KR p. 391 (b. 10 Oct 1813); Langman p. 444-445; Lasègue p. 468-469, 505, 574; LS 15411-15413; NI 1192; PR 5301-5304; Rehder 5: 510; RS p. 113; SBC p. 125 ("Liebm."); TL-1/933; TL-2/1: 2098, 2: 4182; Urban-Berl. p. 306, 369; Zander ed. 10, p. 685, ed. 11, p. 781.
Anon., Amer. J. Sci. ser. 2. 1(3): 455. 1846 (coll.); Bonplandia 1(4): 35. 1953, 5: 32. 1857 (d.); Bot. Not. 1840: 176, 1841: 158, 1842: 61, 144, 208, 1857: 19; Bot. Zeit. 14: 871. 1856, 15: 263. 1857, 39: 768. 1856; Flora 24: 47-48. 1841; Österr. bot. W. 6: 375. 1856 (death).
Candolle, Alph. de, Phytographie 428. 1880 (coll.).
Christensen, C., Danske bot. Hist. 1: 363-377. 1926, 2: 218-233. 1924-1925 (bibl., portr.) (b. 10 Oct 1813, d. 29 Oct 1856, of tuberculosis).
Christiansen, W. & W., Bot. Schrifttum Schlesw.-Holst. 317 [index]. 1936.
Fischer-Benzon, F. J. D. von, *in* Prahl, Krit. Fl. Schleswig-Holstein 2: 33-34. 1890.
Hemsley, J. B., Biol. centr. amer. 4: 129-130. 1887.
Hooker, J. D., in W. J. Hooker, London J. Bot. 5: 525-527. 1846.
Hornschuch, C. F., Flora 26(1): 108-118. 1843 (account Mexic. journey).
Jessen, K. F. W., Bot. Gegenw. Vorz. 370, 406, 467. 1864.
Kiaerskou, H. F. C., Bot. Tidsskr. 23: 42. 1900.
Koster, Th. J., Taxon 18: 555. 1969.
Leon, N., Bibl. bot.-mexic. 168-169. 1895.
McVaugh, R., Contr. Univ. Mich. Herb. 9: 259. 1972.
Millspaugh, C. F., Publ. Field Mus. 68, Bot. 1: 453. 1902 (Flora St. Croix).
Murray, G., Hist. coll. BM(NH) 1: 162. 1904 (Mex. Hepat. via Hampe).
O., Dict. sci. méd. 6: 45. 1924.
Ørsted, A. S., *in* F. M. Liebmann, Chênes de l'Amérique tropicale vii-x. 1869; Vid. Medd. naturh. For. Kjöbenhavn 1866: 15-16. 1887 (itin.).
Papavero, N., Essays hist. neotrop. dipterol. 2: 365. 1975.
Pedersen, M., Bot. Centralbl. 85: 342. 1901 (coll. C.).
Rydberg, P. A., Augustana Coll. Libr. Publ. 5: 36-37. 1907.
Sayre, G., Mem. New York Bot. Gard. 19(3): 360. 1975. Bryologist 80: 512. 1978. (coll.).
Urban, I., Symb. ant. 3: 75-76. 1902.
Vainio, E. A., Dansk. bot. Ark. 4(11): 1-25. 1926 (on L's lichens from Mexico).
Warming, E., Bricka's Dansk biogr. Lexikon 10: 281-283. 1896 (n.v.); Bot. Tidsskr. 12: 158-162. 1881 (bibl.).

COMPOSITE WORKS: see Oeder, *Flora danica* (fasc. 41-43). Liebmann published, with J. Lange, the *Flora Danica supplementum* [Icones plantarum . . . supplementum operis, Florae Danicae nomine inscriptum] fasc. 1-3, 1853-1874, see below 4517. Fasc. 1, 1853, p. [1]-16, *pl. 1-60* was published by Liebmann; fasc. 2 and 3, 1865, 1874, by J. M. C. Lange (TL-2/7008).

HANDWRITING: Christensen, C., Danske bot. hist. 1: 373. 1926.

EPONYMY: *Liebmannia* J. G. Agardh (1842); *Liebmannia* G. Meneghini (1843).

4512. *Mexicos bregner*, en systematisk, critisk, plantegeografisk Undersögelse af F. Liebmann (Laest i det Kongl. danske Videnskabernes Selskabs Möde d. 3 Novbr. 1848). (Saerskilt aftrykt af det Kgl. Danske Videnskabernes Selskabs Skrifter, 5te Raekke, naturvidenskabelig og mathematisk Afdeling, 1ste Bind.) Kjöbenhavn (trykt hos Kgl. Hofbogtrykker Bianco Luno) 1849. Qu. (*Mexic. bregn.*).
Publ.: 1849, p. [i], [1]-174. *Copies*: H, MO, NY, US. – Reprinted from K. danske Vid. Selsk. Skr. 1: 151-322, 353-362.
Other issue: as a reprint with original pagination from idem 1: 151-322. *Copies*: MICH, MO, U, US, USDA.

4513. *Mexicos halvgraes* bearbeidede efter Forgaengernes of egne Materialier med Tillaeg af de i Nicaragua og Costa Rica af Mag. A. S. Örsted samlede samt nogle faa ubeskrevne vestindiske Former. Af F. Liebmann (Laest i det Kgl. danske Videnskabernes Selskabs Möde d. 30 Novór. 1849). (*Mexic. halvgr.*).
Publ.: 1850 (read 30 Nov 1849). – Reprint with original pagination from Kgl. danske Vid. Selsk. Skr. 2: 189-277. 1850. *Copies*: H, MO, NY, US, USDA. – We have seen no copies with independent pagination.

4514. *Mexicos Juncaceer* ved F. Liebmann. [Kjøbenhavn 1850]. Oct (*Mexic. Juncac.*).
Publ.: 8 Mar 1850 (date journal publ.), p. [1]-13. *Copies*: G, H. – Reprinted from Vid. Medd. Naturh. For. Kjøbnhavn 1850: 36-48.

4515. *Mexikos og Central-Americas neldeagtige planter* (ordo: Urticaceae) indbefattende familierne: Urticeae, Moreae, Artocarpeae og Ulmaceae ... Kjöbenhavn (Trykt hos Kgl. Hofbogtrykker Bianco Luno) 1851. Qu. (*Mexic. neldeagt. pl.*).
Publ.: 1851 (read 24 Jan 1851), p. [1]-59, [1-2, index]. – Reprinted from K. danske Vid. Selsk. Skr. ser. 5, naturv. math. Afd. 2: 285-343. *Copies*: USDA, WU.
Other issue: reprint with original pagination from idem 2: 285-343. 1851. *Copies*: MO, NY, US.

4516. *Mexicos og Central-Americas Begonier.* Af F. Liebmann. [Kjøbenhavn 1852]. Oct. (*Mexic. Begon.*).
Publ.: 1852 (read 14 Apr 1852; Christensen dates this 1853), p. [1]-22. *Copy*: G. – Reprinted from Ved. Medd. naturh. For. Kjøbenhavn 1852: 1-22. See also Hooker, London J. Bot. 5: 84-86. 1853 (translation by Wallich).

4517. *Icones plantarum* sponte nascentium in regnis Sueciae et Norvegiae, supplementum operis, Florae danicae nomine inscripti, editum a F. M. Liebmann et Joh. Lange. Volumen primum (unicum) continens fasciculos i, ii, iii. seu tabulas i-clxxx. Hauniae [Kjøbenhavn] (Typis Louis Klein) [1853-] 1874. Fol. (*Icon. pl.*).
Co-author: Johan Martin Christian Lange (1818-1898).
1: 1853 (p. 16: 20 Oct 1853) p. [1]-16, *pl. 1-60* (uncol. copper engr.).
2: 1865 (p. 18: 31 Mar 1865), p. [1]-18, *pl. 61-120* (id.).
3: 1874 (p. 16: 1 Mar 1874; J. Bot. Nov 1874), p. [1]-16, *pl. 121-180* (id.), plus general t.p. [i].
Copies: G, NY.
Note: fascicles 2 and 3 were by J. M. C. Lange, see TL-2/7008.

4518. *Novorum plantarum mexicanarum generum decas* auctore F. Liebmann. [Kjøbenhavn 1854]. Oct. (*Nov. pl. mexic.*).
Publ.: 1854 (or 1853 as preprint?), p. [1]-22. *Copy*: G. – Preprinted from Vid. Medd. Naturh. For. Kjøbenhavn 1853: 90-107. 1854.

4519. *Chênes de l'Amérique tropicale.* Iconographie des espèces nouvelles ou peu connues. Ouvrage posthume de F. M. Liebmann. Achevé et augmentée d'un aperçu sur la classification des chênes en général par A. S. Ørsted ... Leipzig (Léopold Voss, ...) 1869. Fol. (*Chênes Amér. trop.*).
Editor: Anders Sandøe Ørsted (1816-1872).
Publ.: Jul-Dec 1869 (p. [iv]: 4 Jun 1869; BSbF Feb 1870; Flora 22 Sep 1870), p. [i]-x, [1]-29, [1, err.], *pl. A-K, 1-47*. Copies: B, BR, H, MICH, MO, NY. – 10 nature prints (A-K) and 47 unsigned engraved plates by J. T. Bayer or C. Thornam, with analyses by Ørsted.
Ref.: Anon., Bull. Soc. bot. France 17(bibl.): 26. Feb 1870.
Bary, H. A. de, Bot. Zeit. 28: 127-128. 1870 (with obituary).

Liégard, Auguste (1801?-1892) French physician and botanist. (*Liég.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 134-135, 682; BM 3: 1112; Jackson p. 281; Kew 3: 440; Rehder 5: 510.

4520. Bleuniou-Breiz *Flore de Bretagne* par Auguste Liégard ... Paris (Librairie F. Savy) 1879. 18-mo. (*Fl. Bretagne*).
Publ.: Jul-Sep 1879 (p. x: 15 Jun 1879; Nat. Nov. Oct(1) 1879; Bot. Zeit. 28 Mai 1880), p. [i*-iv*], [i]-xlviii, [1]-405. *Copies*: G, H, L, NY. – For additions and more recent publications on the subject see BL.

Lienau, W., (*fl.* 1863), German pharmacist and botanist at Eutin, later court chemist at Rendsburg. (*Lienau*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 380; BM 3: 1112; Herder p. 185; PR 5307.
Christiansen, W. et W., Bot. Schrifttum Schleswig-Holstein no. 257. 1936.
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4521. *Die phanerogamischen Pflanzen des Fürstenthums Lübeck* und seiner Umgebung. Zusammengestellt von W. Lienau, ... Eutin (Buchhandlung von P. Völckers.) 1863. Oct. (*Phan. Pfl. Lübeck*).
Publ.: 1863 (p. vi: Jun 1863; Flora 24 Jan 1864), p. [i-ii], err. slip, [iii]-viii, [1]-88. *Copy*: NY.

Lightfoot, John (1735-1788), British clergyman and botanist; domestic chaplain to the Dowager Duchess of Portland at Bulstock, Bucks.; later at Uxbridge; one of the founders of the Linnean Society of London. (*Lightf.*).

HERBARIUM and TYPES: Lightfoot's herbarium was acquired by Robert Brown, but apparently disposed of by him between 1855-1858; it was acquired by K in 1921. A number of plants are at BM. A further part of Lightfoot's herbarium, containing algae, was acquired by K in 1959. The lichens are lost. For details see Dixon (1959). – A manuscript journal of a botanical excursion in Wales [1773, transcribed by D. Solander] is at BM (Banksian ms. 86, Dryander 3: 138).

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 337; Backer p. 328; Barnhart 2: 381 (b. 9 Dec 1775, d. 20 Feb 1788); BB p. 187-188; BM 3: 1113, 7: 631; CSP 4: 23; Dawson p. 540-541, 943; Desmond p. 385; DNB 11: 1110-1111, 33: 231-232; Dryander 2: 149, 321, 3: 138, 5: 327; Frank 3(Anh.): 58; GR p. 376; Hawksworth p. 184; Henrey 2: 727, 3: 74-75; Herder p. 170; Hortus 3: 1198 ("Lightf."); HU 651; IH 1 (ed. 6): 361, 2: 442; Jackson p. 246; Kent p. 65; Kew 3: 441; Lasègue p. 330, 574; LS 15420; Moebius p. 92; NI 1193; Plesch p. 308; PR 5308; Rees Cycl. (Lightfootia); Rehder 5: 511; SBC p. 125 ("Lightf."); SO add. 678b; Sotheby 454; TL-1/687.
Allibone, S. A., Crit. dict. Engl. lit. 1099. 1870.
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Britten, J., J. Bot. 53: 269-271. 1915.
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Druce, G. C., Fl. Oxfordshire 386-387. 1886, ed. 2. xci-xcii. 1927; Fl. Berkshire cxxxix-cxl. 1897; Fl. Buckinghamshire xciv-xcv. 1926.
Fletcher, H. R., Roy. Bot. Gard. Edinburgh 61, 94. 1970.
Hawsksworth, D. L. & M. R. D. Seaward, Lichenol. Brit. Isl. 112-113, 198. 1977.
Jourdan, Dic. Sci. méd. 6: 47. 1824.
Kent, D. H., Brit. herb. 65. 1957, Hist. Fl. Middlesex 18. 1975.
Laundon, J. R., Lichenologist 11: 13. 1979.
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Smith, E., Life Joseph Banks 9, 10, 37, 39, 314. 1911.
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Stafleu, F. A., Linnaeus and the Linnaeans 203, 317. 1971; also *in* C. L. Héritier, Sert. angl. facs. ed. 1963, p. xxvii.
Urness, C., A naturalist in Russia 97, 106, 131, 172. 1967.

EPONYMY: *Lightfootia* O. Swartz (1788); *Lightfootia* L'Heritier de Brutelle (1789); *Lightfootia* Schreber (1789).

4522. *Flora scotica*: or, a systematic arrangement, in the Linnaean method, of the native plants of Scotland and the Hebrides ... London (printed for B. White, ...) 1777. 2 vols. Oct. (*Fl. scot.*).

Ed. 1: 20-23 Sep 1777, most probably 22 Sep (Price, 1968). *Copies*: G, MICH, NY, U, USDA; IDC 6020.

1: frontisp. (engr. t.p. vol. 1), [i]-xli, [1]-530, *pl. 1-23* (uncol. copper engr.).

2: frontisp. (engr. t.p. vol. 2), p. [i], 531-1151, [1-24, ind.], *pl. 24-35* (id.).

Motto taken from Abraham Cowley (1618-1667): "Where does the wisdom and the power divine,/ In a more bright and sweet reflection shine?/ . . ./ If we could open and intend our eye,/ We all like Moses should espy,/ Ev'n in a bush the radiant Deity." see Collins in Sotheby (454) on attribution of plates: most plates were drawn by Moses Griffiths (1743-1819), others by P. Mazell, Gabl. Smith, Robertson and James Sowerby.

Ed. 2: London (printed for R. Faulder) 1789 (p. xii*: 13 Nov 1788) Oct. *Copies*: MO, NY, USDA; also: MICH (but with 1777 t.p.).

1: front. engr. t.p., [i], [iii], v*-xii* [life of the author by T. Pennant], v-xli, [1]-530, *pl. 1-23* (id.).

2: front. engr. t.p., [i], 531-1151, [1-24, ind.], *pl. 24-35*, uncol. copper engr.

"On sera charmé d'appendre que le livre intitulé *Flora Scotica* sera bientôt rendu aux souhaits des amateurs de l'histoire naturelle de la Grande-Bretagne. Il fut publié en 1778 aux frais du célèbre naturaliste anglois, M. Pennant, l'ami intime de l'auteur, le Révérend Jean Lightfoot. Les matériaux pour cet ouvrage avoient été ramassés pendant un tour en Ecosse & dans les Hébrides, dans laquelle M. Lightfoot avoit accompagné M. Pennant. Quelques ennemis de l'auteur réussirent à décréditer l'ouvrage au moment de sa naissance. Mais M. Pennant, qui étoit plus en état que tout autre d'en apprécier le mérite, le fit retirer des mains des libraires, & en fit suspendre la vente. Convaincu que la cabale ne pourroit plus s'opposer au mérite reconnu de cette précieuse collection, on va la présenter de nouveau au public, précédée de la vie de l'auteur, qui mourut au mois de février de l'année dernière." (L'esprit des journaux 6: 397. 1789).

Ed. 2, other issue of vol. 1: London (Printed for J. Dickson, G. Mudie, J. Elder, P. Hill, A. Guthrie, T. Brown, Lawrie & Symington, J. & J. Fairbairn, J. Guthrie, T. Duncan, J. Watson & Co.), Edinburgh (C. Elliot), Leith (W. Coke) 1792. Oct., engr. t.p., [i*]-xii*, v-xli, [1]-530, *pl. 1-21*. *Copy*: MO. [the accompanying vol. 2 is of the 1777 ed.]. – Henrey (971) cites a copy of vol. 2 of this reissue (BM) with minor differences. We saw a copy (London . . . 1792) in the library of P. M. Jørgensen.

Ref.: Curtis, W. H., William Curtis 1746-1799. 1941 (Letter Lightfoot 27 Mar 1777 on *pl.*). Price, J. H., J. Soc. Bibl. nat. Hist. 5(1): 57-67. 1968 (q.v. for many further details on the publication of ed. 1).

Lignier, Elie Antoine Octave (1855-1916), French palaeobotanist; Dr. Sci. Paris 1887; "préparateur" at Lille with C. E. Bertrand 1880-1887; lecturer (1887) and professor of botany (1889), as well as director of the botanical garden (1896) at the University of Caen. (*Lign.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 296; Barnhart 2: 381 (correct name and dates; b. 25 Feb 1855, d. 19 Mar 1916); BJI 2: 105; CSP 16: 781-782; DSB 8: 354; Kew 3: 441-442; Langman p. 445; LS 35000; Moebius p. 124, 144, 145; Morren ed. 10, p. 64; Quenstedt p. 263; Rehder 5: 511.

Anon., Bot. Not. 1916: 196; Nat. Nov. 38: 192. 1916 (d.); Österr. bot. Z. 66: 140. 1916 (d.).
Chevalier, A., Mém. Soc. Linn. Normandie 26: 1-19. 1924 (note biogr.).
Dollfus, C. R., Soc. géol. France ser. 4. 16(C.R.): 41. 1916.
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Lignier, O., Titres et travaux scientifiques . . . Laval 1914 (n.v.).
Schuster, R. M., Hep. Anthoc. N. Amer. 1: 71. 1966.
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Seward, A. C., Fossil plants, eds. 2, 1910, 3, 1917, 4, 1919.
Taton, R., ed., Science in the 19th century 330, 377, 384. 1965.

EPONYMY: *Ligniera* Maire & Tison (1911).

4523. *Recherches sur l'anatomie comparée des Calycanthées,* des Mélastomacées, et des Myrtacées ... Paris (Octave Doin, ...) 1887. Oct. (*Rech. anat. Calycanth.*).
Publ.: Jun 1887 (original cover of journal), p. [1]-459, *pl. 1-18. Copy*: FI. – Arch. bot. Nord France 4 (38-41), 1886, publ. Jun 1887.

4524. *Végétaux fossiles de Normandie.* Structure et affinités du Bennettites morierei Sap. & Mar. (sp.) ... Caen (Imprimerie E. Lanier, ...) 1894. Qu. (*Vég. foss. Normandie*).
Publ.: Jan-Apr 1894 (Bot. Centralbl. 22 Mai 1894), p. [3]-78, *pl. 1-6* (uncol. liths) with text. *Copies*: FI, MO. – Published as Mém. Soc. Linn. Normandie 18(1). 1894; rev. by M. Möbius, Bot. Centralbl. 59: 209-211. 7 Aug 1844.
Continuation: *no. 2*: Contr. fl. liass. Ste.-Honorine-la-Guillaume, Mém. Soc. Linn. Normandie 18(2): 124-151, *pl. 7*. 1895.
no. 3: Étude anat. *Cycadeoidea micromela*, ib. 20: 329-371, *pl. 12*. 1901.
no. 4: Bois divers, ib. 22: 237-332, *pl. 17-23*. 1907.
no. 7: Contr. fl. jurass., ib., 24: 67-105, *pl. 9*. 1913.

Lilja, Nils (1808-1870), Swedish botanist, publicist and (from 1843) organist (klockare) at Billinge in Skåne. (*Lilja*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 656; Barnhart 2: 381; BL 2: 511, 538, 540, 682; BM 3: 1113; Bossert p. 238; CSP 4: 23; Hortus 3: 1198 ("Lilja"); Kew 3: 442; KR p. 392-393 (*b.* 18 Oct 1808, *d.* 19 Dec 1870); Langman p. 445; PR 5309-5310 (ed. 1: 5886-5890); Rehder 5: 511; Zander ed. 10, p. 685, ed. 11, p. 781.
Anon., Bot. Not. 1843: 96, 1871: 13, 1833: 35f.
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Törje, A., Nils Lilja. Klockare, botanist, litteratör. Lund 1966, 96 p. (portr., bibl.).

4525. *Skånes flora,* innefattande Skånes fanerogamer och i ett bihang Skånes ormbunkar, de på åkren odlade vext- och sädesslagen och de i öfriga Sverige förekommande fanerogamer utom fjällvexterna, med karakterer, vextställen och nytta, jemte ett vextgeografiskt namnregister m.m., utarbetad och utgifven af N. Lilja. Lund (nos förläggaren bokhandlaren C. W. K. Gleerup) Köpenhamn (i Gyldendalska Bokhandeln), Christiania (hos bokhandlaren J. Dahl) 1838. Oct. (*Skånesfl.*).
Ed. 1: 1838 (Flora 28 Sep 1838), p. [i*-vi*], [i]-xiv, [1]-523. *Copies*: MO, USDA.
Ed. 2: 1870 (p. 8: 1 Apr 1870). *Copies*: NY, USDA. *1*: [1]-8, [1]-528; *2*: [i], 529-1018. – "Skånes flora, innefattande Skånes vilda och odlade växter; en handbok för folkskolor, landtmän, trädgårdsodlare, apotekare och för den studerande ungdomen, ... ny ombearbetad upplaga, ... Stockholm (L. J. Hiertas förlag) 1870, Oct..
Ref.: Törje, Bot. Not. 116(2): 331-340. 1963.

4526. *Flora öfver Sveriges odlade vexter,* innefattande de flesta på fritt land odlade vexter i Sverige, jemte de allmännare och vackrare fenstervexterna, med kännetecken och kort anvisning om deras odlingssätt, af N. Lilja. Stockholm (Zacharias Haeggström) 1839. Oct. (*Fl. Sv. odl. vext.*).
Orig.: 1839 (p. vii: Apr 1839), p. [i]-xix, [xx], [1]-175, [176, err.]. *Copies*: H, USDA. – See also note in Bot. Not. 1839: 38.
Första supplementet: 1840 (p. vi: Mai 1840), p. [i]-xxxv, [xxxvi], [1]-83, [84, err.]. *Copies*: G. NY, USDA. – Stockholm (id.) 1840. Oct. See KR p. 392, no. 2 for further ref., especially Lilja (1840).

Liljeblad, Samuel (1761-1815), Swedish botanist and rural economist; Dr. phil. Uppsala 1788; Dr. med. ib. 1793; amanuensis at the Uppsala nat. hist. museum 1789; "Borgströmiansk adjunkt" 1790; keeper of the library and collections of the Uppsala Vetenskapssocietet (1793-1802); from 1802 professor Borgströmianus. (*Liljebl.*).

HERBARIUM and TYPES: UPS; other material at S and UPS (Thunberg herb.).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 381; BL 2: 511, 682; BM 3: 1113-1114; Dryander 3: 646, 5: 327; Frank 3 Anh. 1: 58; GR p. 477, cat. p. 67; Herder p. 138; Hortus 3: 1198 ("Liljeblad"); IF p. 714; IH 2: 442; Kew 3: 442; KR p. 393 (b. 20 Dec 1761, d. 1 Apr 1815); Lasègue p. 392, 502, 574; LS 15423; PR 5311-5314 (ed. 1: 5891-5895); Rehder 5: 511; SBC p. 125 ("Lilj."); SO add. 746aa, 758; SY p. 52; Zander ed. 10, p. 685, ed. 11, p. 781.
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Fries, Th. M., Bref Skrifv. Linné 1(6): 269. 1912.
Laundon, J. R., Lichenologist 11: 13. 1979 (lichens at UPS).
Lindman, S., Svenska män och kvinnor 4: 575. 1948 (portr.).
Löwegren, Y., Naturalickabinett i Sverige under 1700 – talet 249, 253, 254, 256, 355. 1952.
Sayre, G., Bryologist 80: 512. 1977 (bryoph. at UPS).
Wittrock, V. B., Acta Horti Berg. 3(3): 23. 1905 (on portr.).

4527. *Svenska Ört-slagen*, eller kort afhandling, om sättet at efter botaniske grunder urskilja svenska växterna, til classer, ordningar och slägter, af S.L. Upsala (tryckt hos direct. Johan Edmans enka.) s.d. [1791]. (*Sv. Ört-slag.*).
Publ.: 1791, p. [i-iv], [1]-88, *1 pl. Copies*: GB (inf. B. Peterson); HH.

4528. *Utkast til en Svensk flora*, eller afhandling om Svenska växternas väsendteliga kännetekn och nytta, af Samuel Liljeblad. Upsala (tryckt hos direct. Joh. Edmans Enka) 1792. Oct. (*Utkast Sv. fl.*).
Ed. 1: 1792, p. [i-viii], [1]-358, [1-10, index], *2 pl.* (uncol. copp.). *Copies*: G, H, NY.
Ed. 2: 1798, p. [i]-xxxi, [xxxii], [1]-508, *2 pl.* (id.). *Copies*: G, H, NY, USDA. – "Andra uplagan, tilökd och förbättrad." Upsala (Tryckt hos Joh. Fr. Edman, ...) 1798. Oct.
Ed. 3: 1816, p. [i*-x*], [i]-lviii, [1]-761, [762, note], [1, err.], *2 pl.* (id.). *Copies*: G, H, MO, NY, USDA. – "Tredje Uplagan, med Norrska växter tillökt, efter Författarens död utgifven." Upsala (tryckt hos Zeipel et Palmblad) 1816. På Sterbhusets Förlag. From p. 257 on edited by J. H. Wallman, with the assistance for the cryptograms of O. Swartz, E. Acharius and E. Fries.

4529. *Ratio plantas in sedecim classes disponendi*, quam, venia experient. ord. med. ups. publico examini subjiciunt Samuel. Liljeblad, ... et Ericus Gust. Lönberg, ... in audit. Gust. maj. d. xxii aprilis mdccxcvi. h.a.m.s. Upsaliae [Uppsala] (Literis Joh. Fr. Edman, ...) [1796]. Qu. (*Rat. pl. dispon.*).
Publ.: 22 Apr 1796, p. [i, ii], [1]-8. *Copies*: H, L, LD, NY.

4530. *Coloniae plantarum in Svecia.* Pars prima quam venia ampliss. fac. philos. upsal. praeside Doct. Samuele Liljeblad ... pro gradu philosophico p.p. Arvidus Augustus Afzelius ... in audit. Gustaviano die vii junii mdcccix h.a.m.s. Upsaliae [Uppsala] (typis Edmannianis) [1809]. Qu. †(*Colon. pl. Svecia*).
Author: Arvid August Afzelius (1785-1871). We follow Krok in assigning this publication to Afzelius mainly in view of the undisputable authorship of part 2 but also because of the wording of the dedication to Adam Afzelius of part 2.
Pars prima: 7 Jun 1809, p. [i-ii], [1]-8. *Copies*: GB (inf. B. Peterson), HH.
Pars secunda: 15 Nov 1809, p. [i-iv], 9-16. *Copies*: GB (id.), HH. – "... quam venia ampliss. fac. philos. upsal. publico examini subjiciunt Arvid. August. Afzelius ... et Andreas Svanbeck ... in audit. Gust. d. xxv novemb. mdcccix. Upsaliae typis Edmannianis." The publication remained unfinished.
Ref.: KR p. 7 (sub Afzelius); PR 5314 (ed. 1: 5895) (sub Liljeblad).

Lillo, Miguel (1862-1931), Argentine self-taught botanist; Dr. h.c. Univ. Plata 1914; from 1892 active at the Tucuman "Oficina Química." (*Lillo*).

HERBARIUM and TYPES: LIL; further material at SI.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 382 (b. 31 Jul 1862, d. 4 Mai 1931); BL 1: 235, 306; CSP 16: 784; Hortus 3: 1198 ("Lillo"); IH 2: 442; Kew 3: 442; Zander ed. 11, p. 781.
Burkart, A., Darwiniana 2: 138. 1938 (coll. SI).
Castellanos, A., Physis 10: 310, 427-431. 1931 (portr., bibl.).

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Parodi, L. R., Bol. Soc. Arg. Bot. 9: 10, 20, 22, 33, 34, 45, 52, 57. 1961.
Torres, A., Lillo, vida de un sabio. Universidad nacional de Tucuman 1958, 336 p. (printer's date 26 Feb 1959 (portr.; main biogr.) Publ. Univ. Tucumán no. 771).

HANDWRITING: *in* A. Torres, Lillo, vida de un sabio, Tucuman 1958.

EPONYMY (genera): *Lilloa* Spegazzini (1897); *Michelilloa* S. Archangelsky & D. W. Brett (1963); (journal): *Lilloa*. Revista de Botánica. Tucumán, Argentina. Vol. 1-x. 1937-x.

POSTAGE STAMPS: Argentina 10 p. (1966) yv. 770.

4531. *Contribución al conocimiento de los arboles de la Argentina* segun colecciones y observaciones de Santiago Venturi, . . . determinadas por Miguel Lillo . . . Buenos Aires (propriedad de los autores) 1910. Oct. (*Contr. arb. Argent.*).
Collaborator and collector: Santiago Venturi.
Publ.: Aug 1910 (t.p.), p. [i*], [i]-vi, [1]-127. *Copies*: G, MO. – Lillo was in fact the sole author, see Segunda contribucion.

4532. *Descripción de plantas nuevas* pertenecientes a la flora argentina . . . Tucumán (Imp. La Argentina . . .) 1912. Oct.
Publ.: 1912 (t.p. reprint so dated), p. [1]-8. *Copy*: G. – Reprinted and to be cited from An. Soc. ci. Argentina 72: 171-176. 1911 (1912).

4533. *Flora de la provincia de Tucumán Gramíneas* . . . Tucumán (Edicion oficial) 1916. Oct. (*Fl. Tucumán, Gram.*).
Publ.: 1916, p. [i], [1]-64. *Copies*: G, NY.

4534. Universidad de Tucuman. *Segunda contribucion al conocimiento de los arboles de la Argentina* . . . Tucumán (Prebisch y Violetto . . .) 1917. (*Seg. contr. arb. Argent.*).
Publ.: 1917, p. [3]-69. *Copy*: MO.
Reprint: 1924, p. [1]-55. *Copy*: MO. – Buenos Aires (Imprenta y Casa editora "Coni" . . .) 1924.

Limminghe, Alfred Marie Antoine Comte de (1834-1861), Belgian cryptogamist at Namur and Gentinnes (nr. Marbais, Brabant); assassinated in the streets of Rome, April 1861. (*Limm.*).

HERBARIUM and TYPES: BR; other parts in BM, CN, E (in herb. M. C. Cooke).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 439; BM 3: 1115; IH 2: 443; Kew 3: 444; LS 15425; PR 5319.
Anon., Bonplandia 9: 202. 1861; Bot. Zeit. 19: 168. 1861; Bull. Soc. bot. France 9: vii. 1861, 15: xiv. 1868; Österr. bot. Z. 11: 264-265. 1861.
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Frison, Ed., Henri Ferdinand van Heurck 25, 42. 1959.
Lawalrée, A., Lejeunia ser. 2. 72: 1-4. 1974.
Lemaire, Ch., Ill. hortic. 8: 28. 1861.
Morren, Ed., Notice sur les collections botaniques de M. le Cte De Limminghe, à Gentinnes (Brabant), Gand 1858, 8 p.
Murray, G., Hist. coll. BM(NH) 162. 1904 (large series of lichens, in part coll. by Commerson, at BM).

4535. *Flore mycologique de Gentinnes*. Catalogue des mycètes observés dans cette partie du Brabant wallon pendant les années 1855, 1856 et 1857 . . . Namur (typographie de F.-J. Doux fils) 1857. (*Fl. mycol. Gentinnes*).

Publ.: 1857 (p. 7: 23 Mai 1857), p. [1]-89. *Copies*: BR, G, Stevenson; IDC 6287.
Ref.: Anon., Bull. Soc. bot. France 6: 248, 399. 1859.

Limpricht, Hans Wolfgang (1877-x), German botanist, Dr. phil. Breslau 1902; traveller in China and Japan; son of Karl Gustav L. (*H. Limpr.*).

HERBARIUM and TYPES: WRSL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 382 (b. 31 Oct 1877); BJI 2: 105; Bossert p. 238; Hirsch p. 176; IH 2: 443; Kew 3: 444; Lenley p 268; TL-2/1: 1713.

COMPOSITE WORKS: (1) Engler, *Pflanzenreich, Taccaceae,* IV 42 (Heft 92), 32 p., *publ.* 28 Feb 1928.
(2) Completed his father's *Die Laubmoose Deutschlands* after the latter's death.

EPONYMY: *Sinolimprichtia* H. Wolff (1922).

4536. Arbeit aus dem botanischen Garten der Universität Breslau. *Beitrag zur Kenntniss der Taccaceen.* Inaugural-Dissertation welche nebst den beigefügten Thesen mit Genehmigung der hohen philosophischen Facultät der kgl. Universität Breslau zur Erlangung der philosophischen Doctorwürde am Freitag, den 7. März 1902, Mittags 12½ Uhr in der Aula Leopoldina öffentlich vertheidigen wird Wolfgang Limpricht aus Breslau ... Breslau (F. W. Jungfers Buchdruckerei, ...) 1902. (*Beitr. Taccac.*).
Publ.: 7 Mar 1902, p. [i, iii], [1]-59, [1, curr. vit.], [1, theses]. *Copies*: BR, NY.
Ref.: Anon., Bot. Zeit. 60(2): 384. 16 Dec 1902. Mez, C., Bot. Centralbl. 90: 716-717. 1902.

4537. *Botanische Reisen in den Hochgebirgen Chinas und Ost-Tibets* ... mit 9 Karten und 30 Abbildungen auf Tafeln. Dahlem bei Berlin (Verlag des Repertoriums) 1922. Oct. (*Bot. Reis. Chin.*).
Publ.: 1 Jun 1922, p. [i]-viii, [1]-515, *pl. 1-16*, 9 maps. *Copy*: U. – Repert. spec. nov. regni veg., Beihefte Band xii.
Ref.: Krause, K., Bot. Jahrb. 58(Lit.): 40-41. 1923.

Limpricht, Karl Gustav (1834-1902), German (Silesian) bryologist; high school teacher at a girl's College at Bunzlau (1858-1869); idem at the evangelical high school Breslau (1869-1902), from 1895 as principal ("Oberlehrer"). (*Limpr.*).

HERBARIUM and TYPES: BP (via the Degen herbarium). Exsiccatae: *Bryotheca silesiaca*, fasc. 1-7, nos. 1-350, Bunzlau and Breslau 1866-1871, sets at B, FH, JE, NY, PC, S. – Other bryophytes also at H. – Limpricht also issued exsiccatae with C. Baenitz, see Baenitz & Limpricht (1863).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 382; BM 3: 1115; CSP 8: 229-230, 10: 600, 12: 447, 16: 785; DTS 1: 171-172, 5: 1; Herder p. 264, 431; IH 2: 443; Jackson p. 310; Kew 3: 444; Lenley p. 267; Maiwald p. 234, 235, 256; Morren ed. p. 10; NAF ser. 2. 3: 38; SBC p. 125 ("Limpr."); TL-2/1: 1159; Urban-Berl. p. 306, 369.
Anon., Biogr. Jahrb. 7: 71*-72*(d.); Bot. Not. 1903: 34 (d.); Hedwigia 41(6): 255. 1902 (d.); Nat. Nov. 24: 639. 1902 (d.); Österr. bot. Z. 52: 507. 1902 (d.); Rev. bryol. 29: 130. 1902; Torreya 2: 191. 1902; Verh. bot. Ver. Brandenburg 44: lx. 1903(d.).
Baenitz, C. & G. Limpricht, Verh. bot. Ver. Brandenburg 3/4: vi. 1862 (announcement of issue exsicc. "Juncaceen und Cyperaceen Nord- und Mittel-Deutschlands from Jun 1863).
Candolle, Alph. de, Phytographie 388, 428. 1880 (coll.).
Christiansen, W. & W., Bot. Schrifttum Schlesw.-Holst. 316. 1936.
Fedde, Verh. bot. Ver. Prov. Brandenburg 45: xxxi-xxxv. 1903 (bibl.) (*b.* 11 Jul 1834, *d.* 20 Oct 1902).
Holzinger, Bryologist 6(1): 14-15. 1902, 6(3): 33-36. 1902 (bibl.).
Junk, W., Rara 1:113. 1900-1913.
Kern & Geheeb, Rev. bryol. 29: 130-131. 1902.
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Limpricht, K. G., Hedwigia 42(Beibl.): 1-6. 1903 (coll.).
Loeske, L., Ann. bryol. 7: 95-97. 1934.
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Pax, F., Schlesiens Pflanzenwelt 20. 1915.
Sayre, G., Mem. New York Bot. Gard. 19(2): 225-226. 1971, Bryologist 80: 512. 1978 (coll.).
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Szymkiewicz, D., Bibl. fl. Polsk. 53-54. 1925.

COMPOSITE WORKS: (1) *Die Laubmoose Deutschlands,* Rabenhorst's Kryptogamenflora, see below.
(2) *Schlesien's Laub- und Lebermoose,* nebst Nachträgen, *in* F. Cohn, *Kryptogamenflora von Schlesien.* 1:27-352, 413-444. Breslau 1877.

EPONYMY: *Limprichtia* Loeske (1907).

4538. *Einige neue Laubmoose* [Breslau 1883]. Oct.
Publ.:1883 (submitted 18 Jan 1883), p. [1]-10. *Copies*: H, NY. – Reprinted from Jahresber. Schles. Ges. of vaterl. Cultur 1882: 234-242. 1883. To be cited from journal.

4539. *Einige neue Arten und Formen bei den Laub- und Lebermoosen* [Breslau 1884]. Oct.
Publ.:1884, p. [1]-22. *Copies*: H, NY. – Reprinted from Jahresber. Schles. Ges. vaterl. Cultur 61: 204-225. 1884. To be cited from journal.
Ref.:Warnstorf, C. F., Bot. Centralbl. 20: 97-100. 20-24 Oct 1894. (ext. rev. with add. notes).

4540. *Die Laubmoose Deutschlands, Oesterreichs und der Schweiz.* Bearbeitet von K. Gustav Limpricht ... Leipzig (Verlag von Eduard Kummer) [1885-] 1890-1904, 3 Abtheilungen. Oct. (*Laubm. Deutschl.*).
Publ.:Alternative title: "Dr. L. Rabenhorst's Kryptogamen-Flora von Deutschland, Oesterreich und der Schweiz. Zweite Auflage vollständig neu bearbeitet von ... Vierter Band: Die Laubmoose". Published in 41 parts. Abtheilung 3(p. 719-864) was completed after K. G. Limpricht's death by his son Hans Wolfgang L. (see above).
Abth. 1 : 1885-1889, p. [ii]-x, [xi, dates], [1]-836.
Abth. 2: 1890-1895, p. [ii-vii], [1]-853.
Abth. 3: 1895-1903, p. [ii-viii], [1]-864, index Abth. 1-3: [1]-79.
Copies: BR, H, FI, MO (orig. covers), NY, U, USDA.

Abth./Part	pages	dates	Abth./Part	pages	dates
1.1	1-64	Jul 1885	2.22	513-576	Jun 1893
2	65-128	Aug 1885	23	577-640	Dec 1893
3	129-192	Dec 1885	24	641-704	Aug 1894
4	193-256	Jul 1886	2.25	705-768	Jan 1895
5	257-320	Nov 1886	26	769-853	Jun 1895
6	321-384	Dec 1886	3.27	1-64	Dec 1895
7	385-448	Jul 1887	28	65-128	Jul 1896
8	449-512	Oct 1887	29	129-192	Dec 1896
9	513-576	Mai 1888	30	193-256	Dec 1896
10	577-640	Oct 1888	31	257-320	Sep 1897
11	641-704	Dec 1888	32	321-384	Dec 1897
12	705-768	Oct 1889	33	385-448	Aug 1898
13	769-836	Nov 1889	34	449-512	Feb 1899
2.14	1-64	Jul 1890	35	513-576	Nov 1899
15	65-128	Oct 1890	36	577-640	Apr 1901
16	129-192	Jan 1891	37	641-704	Dec 1901
17	192-256	Dec 1891	38	705-768	Dec 1902

Abth./Part	pages	dates	Abth./Part	pages	dates
18	257-320	Jan 1892	39	769-832	Jun 1903
19	321-384	Nov 1892	40	833-864	Dec 1903
20	385-448	Dec 1892	41	865-879	Dec 1903
21	449-512	Jan 1893			

These dates, given in the volumes, are confirmed by the notices in Naturae Novitates, Flora, Bot. Centralbl., Hedwigia, and Botanische Zeitung.

Ref.: Engler, A., Bot. Jahrb. 7(Lit.): 101. 1886, 9(Lit.): 8. 1888, 11(Lit.): 50. 1890.

Geheeb, A., Bot. Centralbl. 24: 225-228. 1885 (rev. Lief. 1, 2), 26: 4-6. 1886 (3), 28: 354-356. 1886 (4), 30: 196-200. 1887(5, 6), 34: 165-169. 1888(7), 35: 391-393. 1888(8), 38: 702-704. 1889(9), 42: 147-153. 1890(11/12); 44: 145-149. 1890(10), 45: 23-26. 1891(13), 46: 193-196. 1891(14), 47: 59-61. 1891(15), Beih. 4(3/4): 200-208. 1894 (17/18), 4(6): 408-417. 1894(19/21), 4(7): 494-497. 1894(22), 5(1): 8-12. 1895(23), 5(5): 335-339. 1895(24), 6(2/3): 102-108. 1896(25/26), 68: 360-363. 1896(27), Beih. 6(6): 421-426. 1896(28), 73: 63-68. 1898(29), 73: 178-181. 1898(30), Beih. 7(5): 325-330. 1898(31), 8(1): 13-18. 1898(32), 8(4/5): 264-268. 1899(33), 9(3): 168-173. 1900(34), 9(5): 344-348. 1900(35), 89: 569. 1902(36), 89: 651-652. 1902(37), 92: 427-428. 1903(38), 95: 217-218. 1904(39), 95: 598. 1904(40).

Husnot, P. T., Rev. bryol. 12: 79-80, 95. 1885, 13: 9-10, 32, 48, 109. 1886, 14: 91. 1887, 15: 46. 1888, 17: 47, 124. 1890.

Niedenzu, F., Bot. Jahrb. 13(Lit.): 4. 1891.

Lincke, Johann Rudolf (*fl.* 1840), German compiler of illustrated works. (*Lincke*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1116; Jackson p. 293; NI 1194; PR 5320 (ed. 1: 5903); Rehder 5: 512.

4541. *Deutschlands Flora* in colorirten naturgetreuen Abbildungen . . . Leipzig (Verlag von C. B. Polet) 1840-1854. (*Deutschl. Fl.*).

Publ.: In 101 fascicles (fide NI) in various issues which were called "Auflagen." In addition to the above title, other issues carried different title-pages (list not exhaustive):

Issue (1): as above, with dated covers (NY copy parts 1-37).

Issue (2): *Deutschland's Flora* in colorirten . . . " Leipzig (Verlag von C. B. Polet), with undated covers (NY copy parts 40-83).

Issue (3): *Deutschland's Flora* in colorirten . . . Dritte Auflage." Leipzig (Verlag von C. B. Polet), with undated covers. (B copy part 1, with parts 2-79 as in issue(2)).

Issue (4): *Flora von Deutschland* oder Abbildung und Beschreibung der in Deutschland wildwachsenden Pflanzen . . . Vierte verbesserte Auflage." Leipzig (Verlag von C. B. Polet), with undated covers. (NY copy parts 84-95).

Each part consisted of 4 plates with text (in NY copy) [1]-384. Each plate (col. lith.) presents various figures. Pritzel (ed. 2) applies the epithet "werthlos" to this chaotic work. "Inter tot viles libros botanicos facile hic vilissimus!" (PR, ed. 1). In view of the indeed modest quality of this work we have not further pursued its history of publication. Nissen (1194) mentions even an eighth "edition"; the work was also issued as "*Flora von Österreich* . . . " 1841-1847. An extract was "*Atlas der officinellen Pflanzen* sämtlicher Pharmacopöen." Leipzig (C. B. Polet) 1850-1853, 13 parts, 142 p., *88 pl.* A further compilation was *Deutschlands Pflanzengattungen und Arten.*

Linczevski, Igorj Alexandrovicz (1908-x), Russian botanist and botanical explorer, collected in central Asia 1925-1950 and south-west China (1955-1956); co-author of the Flora URSS; specialist on botanical nomenclature. (*Linczevski*).

HERBARIUM and TYPES: mainly at LE; important sets of central Asian material also at AA, TAD, and TAK; first set of Chinese material at PE.

BIBLIOGRAPHY and BIOGRAPHY: Roon p. 69; TL-2/3857.

Lededev, D. V., ed., Proc. xii. Int. bot. Congr. 204 [index]. 1979.
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Rosaceae, *Amygdalus,* 10: 522-547. 8 Jan 1942 (with A. A. Fedorov).
Leguminosae, *Cicer,* 13: 386-406. 24 Jan 1948.
Simarubaceae, 14: 241-244. 9 Mar 1949.
Meliaceae, 14: 244-246. 9 Mar 1949.
Anacardiaceae, 14: 518-539. 9 Mar 1949.
Umbelliferae, *Bupleurum,* 16: 275-349. 25 Nov 1950.
Plumbaginaceae, *Plumbago,* 18: 292-297. 16 Oct 1952.
Solanaceae, *Mandragora,* 22: 75-77. 18 Jun 1955.
Rubiaceae, p.p., 23: 164-168, 381-382. 12 Dec 1958.
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Compositae-*Acantholepis,* 27: 54-56. 10 Aug 1962.
Compositae-Gen. 1569-1574, 27: 57-87. 10 Aug 1962.

Lind, Jens Wilhelm August (1874-1939), Danish pharmacist and mycologist; assistant at the state phytopathological service 1913-1917; pharmacist at Østbirk 1919-1926, from then on id. at Viborg. (*Lind*).

HERBARIUM and TYPES: C; other material at B, BPI, CP, CUP, H, KIEL, L, LD.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 344; Barnhart 2: 383; BJI 2: 105; BL 2: 47, 48, 682; BM 7: 632; Bossert p. 238; Bret. p. 152; GR p. 678; Hawksworth p. 184; IH 2: 444; Kew 3: 445; KR p. 394-395 (b. 1 Mar 1874); LS 15426, 35003-36-36026a, suppl. 16043-16069; MW p. 273, suppl. p. 203; NAF 7(15): 1075; Stevenson p. 1249; Urban-Berl. p. 278.
Christensen, C., Danske bot. litt. 1880-1911: 224-226, 1912-1939, p. 101-105. 1940.
Christiansen, W. & W., Bot. Schrifttum Schlesw.-Holst. 317 [index]. 1936.
Gram, E., Bot. Tidskr. 45: 225-226. 1940 (b. 1 Mar 1874, d. 4 Oct 1939; obit., portr.).
Hansen, A., Dansk bot. Ark 21(1): 67. 1963 (d. 4 Oct 1939).
Lind, J., Danish fungi herb. E. Rostrup 33. 1913 ("Lind").

4542. *Danish fungi* as represented in the herbarium of E. Rostrup revised by J. Lind ... Copenhagen (Gyldendalske Boghandel – Nordisk Forlag) February 1913. Oct. (*Dan. fung.*).
Collector: Frederik Georg Emil Rostrup (1831-1907).
Publ.: Feb 1913 (MO copy rd. 11 Aug 1913), p. [i-vi], [1]-648, [1-2, err.], *pl. 1-9. Copies*: MICH, MO, NY, Stevenson, USDA.
Ref.: Winge, Ö., Mycol. Centralbl. 2(6): 313-314. 15 Mai 1913.

4543. *Ascomycetes and fungi imperfecti* ... Kristiania [Oslo] (A. W. Brøggers Boktrykkeri a/s) 1924. (*Ascomyc. fung. imperf.*).
Publ.: 1924 (p. 28: printed 19 Mar 1924), p. [1]-28, *pl. 1-2. Copy*: FH. – Report of the scientific results of the Norwegian expedition to Novaya Zemlya 1921. No. 19.

4544. *The micromycetes of Svalbard* ... Oslo (I Kommisjon hos Jacob Dybwad) 1928. Oct. (*Micromyc. Svalbard*).
Publ.: 1928 (p. [62]: printed 15 Feb 1928), p. [1]-61, [62], map, *pl. 1-3. Copy*: FH. – Skrifter om Svalbard og Ishavet Nr. 13.

4545. *Studies on the geographical distribution of arctic circumpolar micromycetes* ... København (Levin & Munksgaard) 1934. Oct. (*Stud. circumpol. micromyc.*).
Publ.: 1934 (p. 152: printed 1 Feb 1934), p. [1]-152. *Copies*: FH, NY. – Det kgl. Danske vidensk. Selskab. Biol. Medd. 11(2). 1934.

Lindau, Gustav (1866-1923), German lichenologist; student of Schwendener; Dr. phil. Berlin 1888; 1888-1890 at Münster with Brefeld; from 1892-1923 (after 1899 "Kustos", 1902 professor) at Berlin-Dahlem. (*Lindau*).

HERBARIUM and TYPES: B (partly destroyed); duplicates at C, H, L, and PAV; Colombian lichens in H-NYL (publ. by W. Nylander).

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 9, 280, 308, 324; Backer p. 330; Barnhart 2: 383; BFM 3083, 3084, 3090; BJI 1: 37, 2: 105-106; BM 3: 1116, 7: 632-633; Bossert p. 238; CSP 16: 786-787; DTS 1: 172; GR p. 29, *pl.* [15], cat. p. 67; Hortus 3: 1198 ("Lindau"); IH 2: 444; Kelly p. 129; Kew 3: 445; KR p. 395 (b. 2 Mai 1866); Langman p. 446; LS 15428-15475, 36027-36035, suppl. 16070-16099; MW p. 273; Rehder 5: 512; SBC p. 125 ("Lind."); Stevenson p. 1249; TL-2/1: 1592, 1951; Urban-Berl. p. 278, 288, 306; Zander ed. 10, p. 685, ed. 11, p. 781; Zep-Tim p. 76-77 (b. 2 Mai 1866, d. 10 Oct 1923).
Ainsworth, G. C., Dict. fungi ed. 6. 327. 1971.
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Sayre, G., Bryologist 80: 512. 1977.
Weberbauer, A., Pflanzenw. Peruan. Anden 32. 1911 (Veg. Erde 12).

COMPOSITE WORKS: (1) EP, *Die natürlichen Pflanzenfamilien* ed. 1: 1. *Phacidiineae* 1(1): 243-265. Jun 1896; Nachtr. 1(1**): 533-534. Sep 1900.
2. *Hysteriineae,* 1(1): 265-272. Jun 1896, 273-278. Feb 1879; Nachtr. 1(1**): 534-535. Sep 1900.
3. *Pyrenomycetineae,* 1(1): 321-325. Apr 1897; Nachtr. 1(1**): 539-544. Sep 1900.
4. *Perisporiales,* 1(1): 325-343. Apr 1897; Nachtr. 1(1**): 539-540. Sep 1900.
5. *Hypocreales,* 1(1): 343-372. Apr 1897; Nachtr. 1(1**): 540-541. Sep 1900.
6. *Dothideales,* 1(1): 373-383. Apr 1879; Nachtr. 1(1**): 541-542. Sep 1900.
7. *Sphaeriales,* 1(1): 384-416. Apr 1879, 417-464. Jun 1897, 465-491. Sep 1897; Nachtr. 1(1**): 542-544. Sep 1900.
8. *Laboulbeniineae,* 1(1): 491-505. Sep 1897; Nachtr. 1(1**): 544. Sep 1900.
9. *Auriculariales,* 1(1**): 82-88. Dec 1897; 553. Sep 1900.
10. *Tremellineae,* 1(1**): 88-96. Dec 1897; 553. Sep 1900.
11. *Fungi imperfecti,* 1(1**): 347-349. Mar 1900; 558. Sep 1900.
12. *Sphaeropsidales,* 1(1**): 349-384. Mar 1900, 384-398. Jul 1900; 558. Sep 1900.
13. *Melanconiales,* 1(1**): 398-415. Jul 1900; 558. Sep 1900.
14. *Hyphomycetes,* 1(1**): 415-507, 558-559. Sep 1900.
15. *Fossil fungi* 1(1**): 518-523. Sep 1900.
16. *Acanthaceae,* 4(3b): 274-336. 12 Mar 1895, 337-354. Dec 1895; Nachtr. 2-4: 304-409. Nov 1897; Erg. Heft 1: 71-72. 8 Oct 1900.
(2) *Lichenes,* in Engler, A., *Pflanzenw. Ostafr.* C: 36-48. 1895.
(3) *Polygonaceae,* in I. Urban, *Symb. ant.* 1(2): 209-235. 10 Apr 1899; *Acanthaceae,* in id. 2: 170-250. 20 Oct 1900.
(4) *Kryptogamenflora der Mark Brandenburg.* – Lindau took the initiative towards the compilation of this *Kryptogamenflora* in a meeting of the *Botanischer Verein der Mark Brandenburg* in 1896 (Verh. bot. Ver. Brandenburg [VbVB] 38: ix-x. 1896). The preparation was entrusted to a committee of which Lindau acted as chairman. The other members chosen in 1896 (the committee had the right to co-opt) were: P. Hennings (Berlin), G. Hieronymus (Berlin), F. Ludwig (Greiz), A. Möller (Eberswalde), O. Müller (Berlin) and K. Warnstorf (Neuruppin). Soon after R. Kolkwitz was added as secretary, and P. Sorauer as member (VbVB 38:

lxx. 1896). Lindau reported at annual meetings on the progress of the undertaking, see VbVB 41: xlvii (1900) (the first volume, dealing with mosses, was to be compiled by Warnstorf), 42: xv. (1900), 43: xxi-xxii (composition: lxiv) (1902) (subvention received for travel and illustration), 45: xxiv (1904), 46: xx-xxi (1905), 47: xxiv-xxv. 1906, 49: lvi (composition). 1908 and 52: (34). 1911. For practical purposes we treat the *Flora* under Warnstorf, author of vol. 1. There is no indication that there was an editor-in-chief; the authors prepared their manuscripts and the publisher, Borntraeger, did the rest. Lindau himself contributed only some smaller families:
a. *Ustilagineae,* 5A(1): [1]-68. 27 Aug 1912.
b. *Auriculariineae, Tremellineae,* 5A(5): 904-924. 20 Jul 1914.
c. *Hemiasci-Gymnascaceae,* 7(1): 1-7, 33-35, 73-75. 15 Aug 1905.

For an exhaustive bibliography, including L's many contributions to composite works, see Loesener (1924).

EPONYMY: *Lindauea* Rendle (1896); *Lindauella* Rehm (1900); *Lindauomyces* Koorders (1907); *Lindauopsis* Zahlbruckner (1907), *Note*: *Lindavia* Nieuwland (1916) might also commemorate him. *Lindavia* (Schütt) De Toni & Forti is named after the German town of Lindau.

4546. *Über die Anlage und Entwicklung einiger Flechten-apothecien.* Inaugural-Dissertation zur Erlangung der Doctorwürde von der philosophischen Facultät der Friedrich-Wilhelms-Universität zu Berlin genehmigt und nebst den beigefügten Thesen öffentlich zu verteidigen am 17 November 1888 von Gustav Lindau aus Dessau . . . Regensburg (Druck der F. H. Neubauerschen Buchdruckerei (F. Huber)). 1888. Oct. (*Anlage Flechtenapothec.*).
Publ.: 17 Nov 1888 (as thesis; Lindau sent a copy to Trelease "Jan 1889") p. [1]-44, [1, theses; 2, vita], *pl. 10* (col. lith.). *Copies*: FH, MO, NY. – Reprinted from Flora 71: 451-489. 21 Oct., 1, 11. Nov 1888.

4547. *Vorstudien zu einer Pilzflora Westfalens* . . . Münster i.W. (Commissions-Verlag der Coppenrathschen Buch-u. Kunsthandlung) 1892. Oct. (*Vorstud. Pilzfl. Westfal.*).
Publ.: Oct 1892 (Nat. Nov. Nov(1) 1892), p. [1]-70. *Copy*: FH. – Reprinted from Jahresber. Westfäl. Prov. Ver. Wiss. 1891(2): 24-90. 1892.

4548. *Lichenologische Untersuchungen* . . . Dresden (Verlag von C. Heinrich) 1895. †Qu. (*Lichenol. Unters.*).
Heft 1: Nov-Dec 1895 (p. v: Nov 1895; Nat. Nov. Dec (1,2) 1895; Bot. Zeit. 1 Jan 1896; Flora 11 Jan 1896), p. [i]-v, [vi], [1]-66, *pl. 1-3* liths. author). *Copies*: G, MICH, MO, NY, U.
Ref.: Zahlbrücker, A., Bot. Centralbl. 65: 60-64. 1896 (rev.).

4549. *Ueber insectenbewohnende Pilze* [Berlin 1897]. Oct.
Publ.: 1897, p. [1]-5. *Copy*: FH. – Reprinted from Entomol. Nachr. 23(15): 225-229. 1897. To be cited from journal.

4550. *Bemerkungen über die heutige Systematik der Pilze* . . . Berlin (Druck von Gebr. Gotthelft, . . .) 1897. Oct.
Publ.: 31 Mar 1897, p. [1]-11. *Copy*: FH. – Reprinted from Bot. Centralbl. 70: 2-12. 1897. To be cited from journal.

4551. *Hilfsbuch für das Sammeln parasitischer Pilze* mit Berücksichtigung der Nährpflanzen Deutschlands, Österreich-Ungarns, Belgiens, der Schweiz und der Niederlande nebst einem Anhaung über die Thierparasiten . . . Berlin (Gebrüder Borntraeger . . .) 1901. Oct. (*Hilfsb. Sammeln paras. Pilze*).
[*Ed. 1*]: Jan-Feb 1901 (p. vi: Feb 1901; ÖbZ Jan-Feb 1901; Bot. Centralbl. 10 Feb 1903; Bot. Zeit. 1 Mai 1901; Nat. Nov. Apr(2) 1901; NYBG Mai 1901), p. [i]-vi, [1]-90. *Copies*: B(3), BR, G, L, M, U(2), USDA.
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4552. *Hilfsbuch für das Sammeln der Ascomyceten* mit Berücksichtigung der Nährpflanzen

Deutschlands, Österreich-Ungarns, Belgiens, der Schweiz und der Niederlande von Professor Dr. Gustav Lindau ... Berlin (Gebrüder Borntraeger ...) 1903. Oct. (*Hilfsb. Sammeln Ascomyc.*).

Publ.: 1 Jun-14 Jul 1903 (p. [iv]: Mai 1903; Allg. bot. Z. 15 Jul 1903; Bot. Zeit. 20 Jul 1903; Nat. Nov. Jul(2) 1903), p. [i-vi], [1]-139. *Copies*: L, MICH, NY, USDA. – For other "Hilfsbücher" by Lindau see nos. 4551 and 4554.

Ref.: Fischer, Bot. Zeit. 61(2): 321-322. 1903.

4553. *Die Pilze Deutschlands*, Oesterreichs und der Schweiz. viii Abteilung: *Fungi imperfecti*: Hyphomycetes (*erste Hälfte*), Mucedinaceae, Dematiaceae (Phaeosporae und Phaeodidymae), ... Leipzig (Verlag von Eduard Kummer) [1904-] 1907. Oct. (*Pilze Deutschl., Fung. imperf.*).

Publ.: 16 Mai 1904-12 Jul 1907 (see below), p. [ii]-vi, [vii, cont.; viii, dates], [1]-852. *Copy*: U. – Alternative t.p. [ii]: Dr. L. Rabenhorst's *Kryptogamen-Flora* von Deutschland, Oesterreich und der Schweiz. Zweite Auflage. vollständig neu bearbeitet von ... Erster Band: Pilze".

Lief.	pages	dates	Lief.	pages	dates
92	1-64	16 Mai 1904	99	433-512	25 Jul 1906
93	65-128	30 Jun 1904	100	513-576	30 Aug 1906
94	129-176	15 Jul 1904	101	577-640	20 Sep 1906
95	177-256	3 Apr 1905	102	641-704	10 Oct 1906
96	257-320	10 Mai 1905	103	705-752	15 Nov 1906
97	321-384	20 Jun 1905	104	753-833	16 Mai 1907
98	384-432	15 Jul 1905	105	834-851	12 Jul 1907

4554. *Hilfsbuch für das Sammeln und Präparieren der niederen Kryptogamen* mit besonderer Berücksichtigung der Verhältnisse in den Tropen ... Berlin (Verlag von Borntraeger, ...) 1904. Oct. (*Hilfsb. Sammeln nied. Krypt.*).

Publ.: 1 Oct-14 Nov 1904 (p. iv: Sep 1904; Allg. bot. Z. 15 Nov 1904; Bot. Zeit. 1 Dec 1904; Nat. Nov. Nov(2) 1904; NYBG Dec 1904), p. [i]-iv, [1, cont.], [1]-78. *Copies*: MICH, NY, U, USDA.

Ed. 2: 1938 (Nat. Nov. Mai 1939), vi, 93 p. (n.v.).–Bearbeitet von O. C. Schmidt, Berlin 1938 (see L. Diels, Bot. Jahrb. 70(Lit.): 17. 28 Apr 1939).

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Publ.: 12 Jul 1907-10 Dec 1910 (see below), p. [ii]-viii, [1]-983, [984, dates]. *Copy*: U. – Alternative t.p. [ii]: Dr. L. Rabenhorst's *Kryptogamen-Flora* von Deutschland, Oesterreich und der Schweiz. Zweite Auflage. Vollständig neu bearbeitet von ... Erster Band: *Pilze*."

Lief.	pages	dates	Lief.	pages	dates
105	1-48	12 Jul 1907	113	497-560	20 Jun 1909
106	49-112	20 Dec 1907	114	561-624	25 Jul 1909
107	113-176	1 Apr 1908	115	625-688	1 Nov 1909
108	177-240	25 Mai 1908	116	689-752	31 Dec 1909
109	241-304	30 Jul 1908	117	753-816	10 Mar 1910
110	305-368	25 Nov 1908	118	817-880	20 Mai 1910
111	369-432	7 Apr 1909	119	881-944	20 Jul 1910
112	433-496	28 Apr 1909	120	945-984	10 Dec 1910

Ref.: (for Fung. imp. 1 and 2): Magnus, P., Bot. Centralbl. 96: 254-255. 1904 (rev. Lief. 92), 96: 387-388. (93, 94), 99: 107. 1905 (95, 96), 99: 424-425. 1905 (97-98), 104: 607-608. 1907 (99-103), 105: 624. 1907 (104-105), 110: 309. 1909 (106-110), 114: 511-513. 1910 (111-118).

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Co-author: Paul Sydow (1851-1925).
1: Apr 1907-Jun 1908 (p. vii: Jun 1908), p. [i]-vii, [1]-903.
2: Jan 1909-Jun 1909 (see below), p. [i], 1-808.
3: 1912-Sep 1913, p. [i]-iv, [1]-766.
4: Dec 1914-Nov 1915, p. [i]-xiii, [1, err.], [1]-609.
5: Oct 1916-Nov 1917, p. [i]-viii, [1]-526, [1, err.].
Supplementum 1911-1930, by Raffaele Ciferri (1897-1964), Corlina (Papia)
A-D: 1957, p. [i-iv], [1]-689.
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R-Z: 1960, p. [i], [2159]-3100, [1, err.; 2 printing finished Jun 1960].
Copy: U. – The signatures of the original volumes are dated. However, the volumes were actually published in two or three parts each, vol. 1(1): Dec 1907, 1(2): Oct 1908, 2(1): 1-320. Jan 1909, 2(2): 321-808. Aug 1909, 3(1): 1-176. Jan 1913, 3(2): 197-766. Sep 1913; 4(1): 1-400. Aug 1915 4(2): 401-609. Jan 1916 5(1): 1-160. Dec 1916, 5(2): 161-720. Mar 1918, 5(3): 321-526. Apr 1921.

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Publ.: 1907 (Bot. Centralbl. 1 Oct 1907), p. [i], [1]-37. *Copy*: NY. – Title on cover: *Nylanderi Synopsis lichenum index*: see also Nylander. TL-2/6945.

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2: *Die mikroskopischen Pilze. Publ.*: Apr 1912 (p. vi: Feb 1912; Nat. Nov Mai(1) 1912; ÖbZ 1 Mai 1912; Bot. Centralbl. 18 Jun 1912), p. [ii-v], vi, [1], (1)-(24), [1]-276. *Copies*: G, L, Stevenson, U(2), USDA.
3: *Die Flechten. Publ.*: Sep-Oct 1913 (p. vi: Jul 1913; Nat. Nov. Oct(2) 1913 Bot. Centralbl. 25 Nov 1913), p. [ii]-vi, [1, cont.], [(1)]-(36), [1]-250. *Copies*: G, Stevenson, U, USDA.
4(1): *Die Algen.* Erste Abteilung. *Publ.*: Mar-Apr 1914 (p. vi: Feb 1914; Nat. Nov. Apr(2) 1914; ÖbZ Apr 1914), p. [ii]-vi, [1], [(1)]-(40), [1]-219. *Copies*: G, USDA.
4(2): *Die Algen.* Zweite Abteilung. *Publ.*: Oct 1914 (p. v: Aug 1914; ÖbZ Oct 1914; Nat. Nov. Dec 1915; NYBG Apr 1915), p. [ii-iii], [v-vi], (1)-(26), [1]-200. *Copies*: G, USDA.
4(3): *Die Algen.* Dritte Abteilung. Die Meeresalgen von . . . Robert Pilger [Robert Knut Friedrich Pilger, 1876-1953] 1916 (p. [v]: "1916": Nat. Nov. Mar 1917), [ii-vi], [(1)]-(29). [1]-125, text figs. *a-m pl. i-xi. Copies*: G, U, USDA.
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Edition 2: 1917-1926.
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2(1-2), ed. 2, id. 1971, ISBN 3-87429-022-0.
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NOTE: We are grateful to P. Isoviita and his colleagues at Helsinki for extensive information on H. Lindberg incorporated in our text on this author.

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Lindberg, Sextus Otto (1835-1889), Swedish bryologist (from 1865 Finnish); educated at Stockholm and Uppsala; teacher at the Pharmaceutical Institution of Stockholm (1862-1865); professor of botany at Helsingfors University (successor to W. Nylander) 1865-1889. (*Lindb.*).

HERBARIUM and TYPES: H-SOL (47.858 specimens) Duplicates in many herbaria, e.g. BM, H, S, UPS. – Exsiccatae: *Hepaticae scandinavicae exsiccata*, fasc. 1, nos. 1-25, i-v, Helsingfors (typis T. Sederholm), [1-15, text]; sets at AK, BM, FH, H, K, L, LD, LE, NICH, OXF, PC, QK, S, W. Issued in collaboration with Emil Frithiof Lackström (x-1883), high school teacher at Nyslott, Finland. – Lindberg contributed also to Rabenhorst, L., *Hepaticae europaeae* (1855-1879), id. *Bryotheca europaea* (1858-1884), Hartman, R., *Bryaceae Scandinaviae exsiccatae* (1857-1874), and Brotherus, V.F., *Musci Fenniae exsiccati* (1871-1888), q.v. (see also Bot. Not. 1889: 81). – Mss at H and H-UB; correspondence at H-UB; Library at H.
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Saelan, Th. et al., [Uppdrag att granska och värdera aflidne Professor S.O. Lindbergs efterlemnade mossherbarium.] 14 p. Helsingfors 1890.
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NOTE: The entry for Lindberg was submitted by Pekko Isoviita, Helsinki. See also his publication providing supporting data (1978) and his "S.O.Lindberg's bryological reports in Finnish newspapers. Critically annotated facsimile collection" Helsinki 1980 (not yet published when TL-2/3 went to press), Pamphl. Bot. Mus. Helsinki no. 8, 1980.

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HANDWRITING: Bot. Not. 1889: 93; Ann. bryol. 8: 68, 69. 1935.

COMPOSITE WORKS: For a list of L's contributions to works by others see Saelan (1891), p. 37-38.

EPONYMY: (genera): *Lindbergia* Kindberg (1897); *Neolindbergia* Fleischer (1906); (journal): *Lindbergia*. A journal published by the Nordic Bryological Society and the Dutch Bryological Society. Ärhus & Leiden. Vol. 1-x, 1971-x.

NOTE (1), (by P. Isoviita): S. O. Lindberg was one of the pioneers of nomenclatural research on bryophytes and was therefore much criticized by most contemporary bryologists. He accepted also pre-Hedwigian names for Musci and his nomenclature thus illustrates the scope of changes that would have been necessary if a pre-1801 starting-point had been adopted for this group.
A considerable part of Lindberg's taxonomic revisions were presented in lectures held at the meetings of Soc. Fauna Fl. Fenn. in 1865-87 and summarized in the meeting reports first published in the local newspaper "Helsingfors Dagblad" and subsequently (with slight corrections and additions) in Bot. Not. and Not. Sällsk. Fauna Fl. Fenn. Förh. (later Meddel. Soc. Fauna Fl. Fenn.). Names published in such résumés often antedate their publication in Lindberg's book and ordinary articles. For the items and main contents of these reports (from Not./Meddel.), see Saelan p. 281-293, nos. 138-224. (2): Lindberg's *cognomen* in the Leopoldina was Bridel-Brideri.

4574. *Torfmossornas byggnad*, utbredning och systematiska uppställning. Af S. O. Lindberg. [Stockholm (P. A. Norstedt & Söner) 1862]. Oct.
Publ.: 12 Feb-25 Jun 1862 (submitted 11 Dec 1861), Öfvers. k. [Sv.] Vet. – Akad. Förh. 19(2): 113-156. 1862. *Copies* of reprint with original pagination: H (2), Isoviita. – To be cited from journal.
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4575. *Om ett nytt slägte, Epipterygium*, bland bladmossorna. Af S. O. Lindberg. [Stockholm (P. A. Norstedt & Söner) 1863]. Oct. (*Epipterygium*).
Publ.: 1 Feb-28 Mai 1863 (p. 11; submitted 10 Dec 1862), p. 1-11. *Copies*: G, H. – Reprinted from Öfvers. k. [Sv.] Vet. – Akad. Förh. 19(10): 599-609. 1862 (1863).
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4577. *Utredning af de skandinaviska Seligeriae.* Af S. O. Lindberg. [Stockholm (P. A. Norstedt & Söner) 1864]. Oct.
Publ.: 3 Mar-17 Jun 1864 (p. 192; submitted 9 Dec 1863), Öfvers. k. [Sv.] Vet. – Akad. Förh. 21(3): 185-192. 1864. *Copies* of reprint with orig. pagination: H, Isoviita. – To be cited from journal.
Ref.: KR p. 398, no. 16; Saelan p. 275, no. 28.
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4578. *Om de europeiska Trichostomeae.* Akademisk afhandling, som med den vidtberömda Filosofiska Fakulteten vid kejserliga Alexanders Universitetet i Finland tillstånd till offentlig granskning framställes af Sextus Otto Lindberg, ... uti historisk-filologiska lärosalen den 26 Oktober 1864 p.v.t.f.m. Helsingfors (J. C. Freckell & Son) 1864. Oct. (in fours). (*Eur. Trichostom.*).
Thesis ed.: shortly before 26 Oct 1864 (as thesis) p. [i], [1]-48. *Copies*: BR, FI, G, H, Isoviita, L, NY, Steere. – Reprinted (596 copies) from Öfvers. k. [Sv.] Vet. – Akad. Förh. 21(4): 213-254. 1864 (1865) without listing the taxa (p. 213-214), and with the addition of a thesis t.p. and an introduction. Journal issue dated 21 Aug 1864.
Trade ed.: 23 Nov 1864, p. [i-vi], 213-254. *Copies*: G, H. – "Om ... Trichostomeae af S. O. Lindberg." Stockholm (P. A. Norstedt & Söner, Kongl. Boktryckare) 1864. Oct. Reprinted (150 copies) from idem, with the addition of t.p. and introduction. Title of journal article "De Tortulis et ceteris Trichostomeis europaeis." *Copies*: H, Isoviita.
Motto on p. [2], 213: "The investigation of dates in the [most (not in thesis)] disheartening work upon which the time of an author can be employed; it is never safe to take them second-hand and even reference to the original works is not always satisfactory" Woodward, Man. Mollusca, p. iii.
Ref.: BM 3: 1117; KR p. 399, no. 17; PR 5322; Saelan p. 275, no. 30. J. M.; Hedwigia 4(3): 38-41. Mar 1865 (trade ed.); Bot. Zeit. 24(1): 7. 5 Jan 1866 (journal art.).

4579. *De speciebus Timmiae observationes.* Auctore S. O. Lindberg. [Stockholm 1865]. Oct. (*Timmiae observ.*).
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English translation by R. Braithwaite: Grevillea 2: 129-133. Mar 1874.
Novae de speciebus Timmiae observationes: Rev. bryol. 9(2): 24. Mar-Apr 1882.
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4580. *Adnotationes bryologicae*, auctore S. O. Lindberg. [Uppsala (Kongl. Akad. Boktryckeriet) 1865]. Oct.
Publ.: spring or summer 1865 (p. 9), p. [1]-9, *Copy*: H. – Reprinted from Bot. Not. 1865(4): 73-81. 1865.– To be cited from journal.
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4581. *Om bladmossornas locklösa former.* Af S. O. Lindberg. [Stockholm (P. A. Norstedt & Söner) 1865]. Oct.
Publ.: before 30 Sep 1865 (submitted 9 Dec 1863), Öfvers. k. [Sv.] Vet. – Akad. Förh. 21(10): 575-588. 1864 (1865). *Copies* of reprint with orig. pagination: H, Isoviita.– To be cited from journal.
Ref.: KR p. 399, no. 21; Saelan p. 275, no. 33.
Anon., Hedwigia 7(2): 24. Feb 1868.

4582. *Uppställning af familjen Funariaceae.* Af S. O. Lindberg. [Stockholm (P. A. Norstedt & Söner) 1865]. Oct.
Publ.: before 30 Sep 1865 (Krok, Bot. Not. 1865: 85; submitted 9 Dec 1863), Öfvers. k. [Sv.] Vet. – Akad. Förh. 21(10): 589-608. 1864 (1865). *Copies* of reprint with orig. pagination:

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4583. *Animadversiones de Hypno elegante* Hook. et speciebus europaeis Plagiothecii ... Helsingfors (Theodor Sederholms boktryckeri) 1867. Oct. (*Animadv. Hypn. eleg.*).
Publ.: after 26 Jun 1867 (t.p. reprint), p. [19]-38, preprinted without change of pagination from Not. Sällsk. Fauna Fl. fenn. Förh. 9: [19]-38. 1868 (5 Sep-3 Oct). *Copies*: H (3).
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4584. *Förteckning öfver mosser*, insamlade under de svenska expeditionerna till Spitsbergen 1858 och 1861. Af S. O. Lindberg. [Stockholm (P. A. Norstedt & Söner) 1867]. Oct.
Publ.: 15 Nov-31 Dec 1867 (t.p. journal vol.; submitted for publication 12 Dec 1866). Öfvers. k.[Sv.] Vet. – Akad. Förh. 23(10): 535-561. 1866 (1867). *Copies* of reprint with orig. pagination: H, Isoviita. – To be cited from journal.
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4587. *Observationes de formis praesertim europaeis Polytrichoidearum* (Bryacearum nematodontearum) ... Helsingfors (Theodor Sederholms boktryckeri) 1868. Oct.
Publ.: 1 Jan-21 Mai 1868, p. [89]-158. *Copies*: BR, G, H(3), MO. – Preprinted without change of pagination from Not. Sällsk. Fauna Fl. fenn. Förh. 9: [89]-158. 1868 (5 Sep-3 Oct). *Copies*: BR, G, MO. – To be cited from journal.
Addendum: on p. [375] as a separate slip.
Ref.: KR p. 400, no. 35; Saelan p. 276, no. 59.
Anon., Hedwigia 7(7): 107-108. Jul 1868.

4588. *Musci novi scandinavici* ... Helsingfors (Theodor Sederholms boktryckeri) 1868. Oct.
Publ.: 30 Jun-10 Aug 1868, p. [253]-299. *Copies*: H (3), Isoviita. – Preprinted without change of pagination from Not. Sällsk. Fauna Fl. fenn. Förh. 9: [253]-299. 1868 (5 Sep-3 Oct).
Ref.: KR p. 400, no. 39; Saelan p. 276, no. 60.
Milde, J., Hedwigia 7(9): 143-144, 7(10): 150-152. 1868.

4589. *Utredning af Skandinaviens Porella-former*. Af S. O. Lindberg. [Helsingforsiae (Ex officina typographica societatis litterariae fennicae) 1869]. Qu. (*Utredn. Skand. Porella*).
Publ.: 15 Nov-31 Dec 1869 (t.p. reprints dated 1869 by Lindberg), p. [327]-345. *Copies*: H, Isoviita. – Preprinted without change of pagination from Acta Soc. Sci. Fenn. 9(1): [327]-345. 1871 (before 7 Oct).

Ref.: KR p. 400, no. 44; Saelan p. 277, no. 67.
Anon., Hedwigia 9(6): 96. Jun 1870.

4590. *Manipulus muscorum* primus [secundus] . . . Helsingfors (Theodor Sederholms boktryckeri) 1870 [-1874]. Oct. †.
1: 6 Apr 1870, *Copies*: B, G, H, Isoviita.– Preprinted without change of pagination from Not. Sällsk. Fauna Fl. fenn. Förh. 11: 39-72. 1871 (before 11 Feb).
2: 16 Mar-13 Mai 1874 (Rev. bryol. Jul-Sep 1874), id. 13: [351]-[418], *pl. 1* (uncol. lith. Elfving). *Copies*: BR, H, Isoviita, MO, (reprint pag. [351]-[418], *pl. 1*).
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Anon., Hedwigia 14(9): 132-144. Sep 1875.
J. M., Hedwigia 9(5): 77-80. Mai 1870.

4591. *Nya mossor*. Beskrifna af S. O. Lindberg. [Helsingfors (tryck hos J. Simelii arfvingar, . . .) 1870]. Oct.
Publ.: 1 Jan-30 Apr 1870, p. [70]-84, reprinted without change of pagination, but with new imprint [1870!] on p. 84 from Öfvers. Finska Vet. – Soc. Förh. 12(2): 70-84. 1870. *Copies*: H, Steere. – To be cited from journal.
Ref.: KR p. 400, no. 40; Saelan p. 277 (no. 65).
Milde, J., Hedwigia 9(5): 76-77. Mai 1870.

4592. *Plantae nonnullae horti botanici Helsingforsiensis* descriptae a S. O. Lindberg. Helsingforsiae (Ex officina typographica Societatis Litterariae fennicae) 1871. Qu. (*Pl. horti bot. Helsingf.*)
Publ.: 1 Jan-30 Mar 1871 (t.p. reprint and cover; submitted 19 Sep 1870), p. [119]-133, *pl. 1-6, Copies*: H, Isoviita.– Preprinted without change of pagination from Acta Soc. sci. fenn. 10: [119]-133, *pl. 1-6* (uncol. liths. by Hausen and C. Sjöstrand). 1875 (after 1 Nov).
Ref.: KR p. 404, no. 117; Saelan p. 278, no. 89.
Anon., Bot. Not. 1871(6): 189. 15 Dec 1871.

4593. *Revisio critica iconum* in opere Flora danica muscos illustrantium . . . Helsingforsiae (Ex officina typographica societatis litterariae fennicae) 1871. Qu. (*Revis. crit. icon.*).
Publ.: 4 Mar 1871 (t.p. reprint and cover; submitted 15 Nov 1870) P. [1]-118. *Copies*: B, G, H (2), Isoviita, MO, NY, U-Verdoorn, USDA. – Acta Soc. Sci. fenn. 10: [1]-118. 1875 (after 1 Nov).
Ref.: KR p. 400, no. 45; Saelan p. 278, no. 88.
Anon., Bot. Not. 1871: 190. 15 Dec 1871. J., Hedwigia 11(3): 41-42. Mar 1872.

4594. *Spridda anteckningar rörande de skandinaviska mossorna*, af S. O. Lindberg. [Lund (Berlingska Boktryckeriet) 1872]. Oct.
Publ.: 1 Nov-16 Dec 1872 (journal issues dated), p. [1]-16 *Copy*: H. – Reprinted from Bot. Not. 1872(5): 133-141, 1872(6): 161-168. – To be cited from journal.
Ref.: KR p. 401, no. 54; Saelan p. 277, no. 76.
Jack, Hedwigia 14(8): 119-120. Aug 1875.

4595. *Contributio ad floram cryptogamam Asiae boreali-orientalis* . . . Helsingforsiae (Ex officina typographica societatis litterariae fennicae) 1872 [1873]. Qu. (*Contr. fl. crypt. As.*).
Publ.: mid-Jan 1873, p. [221]-280. *Copies*: B, H, Isoviita, U-V. – Preprinted with special cover but without change of pagination from Acta Soc. Sci. fenn. 10: [221]-280. 1872. Final mss and drafts in H-UB.
Addendum: (p. 280) reprinted in Bot. Not. 1873: 45-46. 1 Apr 1873,
Ref.: KR p. 400, no. 46; Saelan p. 278, no. 90.

4596. *The mosses of Buddle's "Hortus siccus"* examined and determined by S. O. Lindberg, M.D. [London (Ranken and Co., printers, . . .)] 1874. Oct.
Publ.: 1-27 Feb 1874, p. [i]-xii. *Copies*: H (2).– Reprinted from J. Bot. 12: 36-47. 1874. – To

be cited from journal.– Published and introduced by H. Trimen and therefore with many errors (corrected in Lindberg's copy in H). Original specimens in BM- Sloane, 80-90 small duplicates in H-SOL.
Ref.: KR p. 401, no. 62; Saelan p. 278, no. 86.

4597. *Hepaticae* in Hibernia mense Julii 1873 lectae a S. O. Lindberg. (Societati exhibitum die 28 Septembris 1874). Helsingfors (Ex officina typographica societatis litterariae fennicae) 1875. Qu.
Publ.: 1 Mai-23 Aug 1875, p. [465]-559. *Copies*: G, H(2), Isoviita. – Preprinted without change of pagination from Acta Soc. Sci. fenn. 10: [465]-559. Nov-Dec 1875.
Partial reprint: 538-541 "*Genera europaea hepaticarum* secundum novam dispositionem naturalem" s.l.n.d., [4] p. *Copies*: H, Isoviita.– See also Rev. bryol. 2: 112-114. Oct-Dec 1875, Grevillea : 87-88. Dec 1875; Hedwigia 15(1): 7-9. Jan 1876.
Ref.: KR p. 401, no. 65; Saelan p. 278, no. 91.

4598. Till åhörande af de offentliga föredrag hvarmed professorn i geologi och mineralogi filosofie doktorn Fredrik Johan Wiik och Professorn i Matematik filosofie doktorn Magnus Gustaf Mittag-Leffler den 5 Maj 1877 komma att tillträde sina ämbeten inbjudas vetenskapens gynnare, idkare och vänner vördsamt af fysisk-matematiska sektionens dekanus Sextus Otto Lindberg. Helsingfors (J. C. Frenckell & Sons tryckeri) 1877. Qu [contains: *Hepaticologiens utveckling från äldsta tider till och med Linné.* Af S. O. Lindberg](*Hepaticol. utveckl.*).
Publ.: shortly before 5 Mai 1877; invitation to attend inaugural addresses p. [i], followed by S. O. Lindberg's *Hepaticol. utveckl.* on p. [iii, h.t. Lindberg]. [1]-51. *Copies*: H (3), Isoviita, MO, MO-Steere.– On p. 52-54. biogr. & bibl. of F. J. Wiik and Mittag-Leffler.
Ref.: KR p. 402, no. 71; Saelan p. 279, no. 95.
Anon., Bot. Not. 1877: 145-146. 1 Nov 1877.
Jack, Hedwigia 16: 166-168. Nov 1877.

4599. *Monographia Metzgeriae.* Auctore S. O. Lindberg ... Helsingforsiae (Ex officina typographica Societatis litterariae fennicae) 1877. Oct. (*Monogr. Metzger.*).
Publ.: Jul-Dec 1877 (submitted to Society on 3 Oct. 1874 sic, but subsequently amended and written after 1 Jul 1877), p. [1]-47, [48], *2 pl.* (uncol. liths. by Fr. Elfving). *Copies*: H (2), Isoviita, MO, NY, PH. – from Acta Soc. Fauna Fl. fenn. 1: [1]-48, *2 pl.* 1877 (completed journal vol. 6 Apr-4 Mai 1878). Final mss. in H-UB.
Ref.: KR p. 402, no. 72; Saelan p. 279, no. 96.
Jack, Hedwigia 17(11): 165-171. Nov 1878.

4600. *Utkast till en naturlig gruppering af Europas bladmossor* med toppsittande frukt (Bryineae acrocarpae). Program af S. O. Lindberg. Helsingfors (J. C. Frenckell & Sons tryckeri) 1878. Qu. (*Utkast Eur. bladmoss.*).
Publ.: 22 Mar-17 Apr 1878 (date of oration); (Hedwigia, Aug 1878; Nat. Nov. Jun(2) 1879; J. Bot. Jun 1878), p. [i], [1]-39. *Copies*: L. E. Anderson, BR, G, H (2), Isoviita, NY, MO-Steere. – "Program" submitted by L. in his capacity as dean of the section of physics and mathematics of the University of Helsingfors. One H copy and the Steere copy have the present text as part of the complete program, p. [i, iii], [1]-43, of which the *Utkast* occupies p. [iii], [1]-39. The program t.p. runs: "Till åhörande af det offentliga föredrag hvarmed professorni fysik filosofie doktorn Karl Selim Lemström Onsdagen den 17 April 1878 kommer att tillträde sitt ämbete ..." Helsingfors (id.) 1878. – Bibl. and biogr. of Lemström on p. 40-43.
Ref.: BM 3: 1117; KR p. 402, no. 76; Saelan p. 279, no. 101.
Anon., Bot. Not. 1878 128-129. 15 Sep 1878.
Geheeb, A., Rev. bryol. 5: 78-80. Sep-Oct 1878 (repr. syn. fam. gen.).

4601. *Musci scandinavici* in systemate novo naturali dispositi a S. O. Lindberg. Upsaliae (ex officina Jesaiae Edquist) 1879. Qu. (*Musc. scand.*).
Publ.: 8 Nov-30 Dec 1879, p. [i-ii], [1]-50. *Copies*: B (2), G (2), M (2), Isoviita, USDA. Originally issued with a Swedish cover-title: "*Förteckning öfver Skandinaviens mossor* jemte deras bytesvärden ..." *Copy*: H.– Final mss (incomplete) in H-UB.
Ref.: BM 3: 1117; KR p. 402, no. 79a, b; Saelan p. 279, no. 102.

Hartmann & Forsell, Bot. Centralbl. 2: 614-615. Mai 1880.
Venturi, Rev. bryol. 7(5): 94-95. Sep-Oct 1880.

4602. *Musci nonnulli scandinavici* descripti a S. O. Lindberg. [Helsingfors (J. Simelii arfvingars tryckeri)] 1879. Oct. (*Musci nonnulli scand.*).
Publ.: 8 Nov-31 Dec 1879 (p. 14; submitted 8 Nov 1879, Rev. Bryol. Jul-Aug 1880 (p. 80); Bot. Zeit. 8 Oct 1880 (journ. issue), p. [1]-14. *Copies*: H (2), Isoviita, PH. – Preprinted from Meddel. Soc. Fauna Fl. fenn. 5: [1]-14. 1880 (summer).
Ref.: KR p. 402, no. 78; Saelan p. 279, no. 103.
Jörgensen, Bot. Centralbl. 1: 1353. Nov 1880.
J., Hedwigia 20(8): 126-127. Aug 1881.

4603. *Monographia praecursoria Peltolepidis, Sauteriae et Cleveae.* Auctore S. O. Lindberg. ... Helsingforsiae (ex officina typographica heredum J. Simelii) 1882. Oct. (in fours). (*Monogr. Peltolep.*).
Publ.: 4 Mar-30 Jun 1882 (submitted 4 Mar 1882; Rev. bryol. Mai-Jun 1882), p. [1]-15. *Copies*: H, MO, MO-Steere, NY, PH. – Reprinted from Acta Soc. Fauna Fl. fenn. 2(3): [1]-15. 1882 (distr. after 7 Nov 1882).
Preliminary publ.: Bot. Not. 1877: 73-78. 18 Mai 1877.
Ref.: KR p. 402, no 84; Saelan p. 280, no. 115.
Arnell, H. W., Bot. Centralbl. 12: 5. Oct. 1882.

4604. *Europas och Nord Amerikas hvitmossor* (Sphagna) jämte en inledning om utvecklingen och organbildningen inom mossornas alla tre hufvudgrupper. Promotionsprogram af S.O. Lindberg. Helsingfors (J. C. Frenckel & Son) 1882. Qu. (*Eur. hvitmoss.*).
Publ.: 31 Mai 1882 (Nat. Nov. Aug(2) 1882; Bot. Centralbl. 21-25 Aug 1882; Bot. Zeit. 29 Sep 1882, 25 Mai 1883; Rev. bryol. Jul-Aug 1882), p. [i]-xxxviii, [1]-88. *Copies*: G, H, Isoviita (2), MO, NY (2); IDC 7578. Preliminary publ.: Torfmossornas byggnad, utbreding och systematiska uppställning, Öfv. k. [Sv.] Vet.-Akad. Förh. 19: 113-156. 1862 q.v.
Program: Inbjudningsskrift till de Magister- och Doktors-Promotioner, ... den 31 Mai 1882, p. [i*], [i]-xxxviii, [1]-136 (Lindberg's paper ends on p. 88). *Copy*: H.
Ref.: KR p. 398, no. 9d; Saelan p. 280, no. 114.
Arnell, H. W., Bot. Centralbl. 11: 373-375. 4-8 Sep 1882 (rev.).
Husnot, T., Rev. bryol. 9(4): 64. Jul-Aug 1882.

4605. *Kritisk granskning af mossorna uti Dillenii Historia muscorum.* Program af S. O. Lindberg. Helsingfors (J. C. Frenckell & Son) 1883. Qu. (*Moss. Dillen. hist. musc.*).
Publ.: 1-21 Dec 1883 (Bot. Zeit. 30 Mai 1884; Rev. bryol. Jan-Feb 1884, p. [1]-59. *Copies*: G, H(2), Isoviita, MO-Steere. – "Program" see under Utkast (1878) above.
Ref.: KR p. 402, no. 85; Saelan p. 281, no. 129.
Arnell, H.W., Bot. Centralbl. 20: 169. 1884 (rev).

4606/7. *Sandea et Myriorrhynchus* nova hepaticarum genera. Auctore S. O. Lindberg ... Helsingforsiae (ex officina typographica heredum J. Simelii) 1884. Oct.
Publ.: 1-25 Mar 1884 (submitted 4 Apr 1882; Rev. bryol. Sep-Oct 1884; Bot. Centralbl. Sep 1884; Bot. Zeit. 30 Mai 1884), p. [1]-9. *Copies*: H, MO. – Reprinted from Acta Soc. Fauna Fl. fenn. 2(5): [1]-9. Nov-Dec 1884.
Ref.: KR p. 403, no. 89; Saelan p. 280, no. 116.
Anon., Bot. Centralbl. 19: 307-308. Sep 1884.
Husnot, T., Rev. bryol. 11(5): 78-79. Sep-Oct 1884.

4608. *Bidrag till nordens mossflora.* I. Af S. O. Lindberg. [Helsingfors (J. Simelii arfvingars tryckeri)] 1887. Oct.
Publ.: 5 Feb-15 Sep 1887 (p. 77 of reprint; submitted 5 Feb 1887), p. [63]-77. *Copies*: H, Isoviita. Preprinted without change of pagination from Meddel. Soc. Fauna Fl. fenn. 14:[63]-77. 1888 (4 Feb-3 Mar). Not continued. Pars II submitted (according to annual report of Soc. Fauna Fl. fenn., 13 May 1887 (see Meddel. 15: 202. 1889); Pars III reported for publication in Meddel. on 3 Dec 1887 (Meddel. 15: 218. 1889) – never published.

Ref.: KR p. 403, no. 97; Saelan p. 281, no. 132.
Anon., Rev. Bryol. 16(5): 79. Sep-Oct 1889.
Arnell, H. W., Bot. Not. 1887: 187-191. 15 Sep 1887.
Brotherus, A., Bot. Centralbl. 33: 72-74. Jan 1888.

4609. *Musci asiae borealis.* Beschreibung der von den schwedischen Expeditionen nach Sibirien in den Jahren 1875 und 1876 gesammelten Moose mit Berücksichtigung aller früheren bryologischen Angaben für das russische Nord-Asien von S. O. Lindberg und H. W. Arnell ... Stockholm (Kongl. boktryckeriet. P. A. Norstedt & Söner) 1889-1890, 2 parts. Qu. (*Musc. as. bor.*).
Co-author: Hampus Wilhelm Arnell (1848-1932).
1: *Lebermoose*: 1-30 Dec 1889 (submitted 10 Oct 1888; Nat Nov. Apr(2) 1890; Rev. bryol. Jan-Feb 1890), p. [1]-69. *Copies*: B, BR, MO, NY, U-V, US, USDA. – Lindberg is the author of the new taxa.
2: *Laubmoose*: after 12 Feb 1890 (submitted 11 Sep 1889), t.p. 1890; Rev. bryol. Jan-Feb 1891; CSP 1891; Nat. Nov. Nov(1) 1891; Underwood rd. his copy at NY in Dec 1891), p. [1]-163. *Copies*: BR, H(3), MO, NY, U-V, US, USDA. – Ib. 23(10). 1889.
3: *Torfmoose*, Spagnaceae, see C. Jensen.
Ref.: BM 3: 1117; KR p. 403, no. 98; Saelan p. 281, no. 136.

Lindblad, Matts Adolf (1821-1899), Swedish botanist; Dr. phil. Ups. 1854; lecturer in botany at Uppsala 1855-1873. (*Lindblad*).

HERBARIUM and TYPES: UPS.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 384; BM 3: 1117; Frank 3(Anh.): 58; IH 2: 445; Jackson p. 336; Kew 3: 446-447; KR p. 404-405 (b. 1 Mai 1821); LS 15477-15486; NAF 9: 441; PR 5323-5326; Saelan p. 273-294 (main bibl.); Stevenson p. 1249.
Anon., Bonplandia 4: 305. 1856 (habil. Uppsala); Bot. Centralbl. 80: 400. 1899 (d. 30 Jun 1899), 81: 415. 1900 (d.); Bot. Jahrb. 29 (Beibl. 65): 30. 1900 (d.); Bot. Not. 1858: 134, 1899: 173; Hedwigia 39: (40). 1900; Nat. Nov. 21: 575. 1899 (d.); Österr. bot. Z. 49: 415. 1899 (d.).
Kneucker, A., Allg. bot. Z. 5: 204. 1899 (death).
Scheutz, N. J. W., Bot. Not. 1863: 70.
Wittrock, V. B., Acta Horti Berg. 3(2): 48. 1903.

EPONYMY: *Lindbladia* E. M. Fries (1849).

4610. *Synopsis fungorum hydnaceorum* in Suecia nascentium. Cujus partem primam Hydna pilcata sistentem venia ampliss. facult. philosph. Upsal. praeside mag. Elia Fries, ... pro gradu philosophico p.p. auctor Matthias Adolphus Lindblad, ... in auditorio gustaviano minori die xiv decembris mdccccliii h.p.m.s. Upsaliae [Uppsala] (Wahlström & Co.) 1853. Oct. (*Syn. fung hydnac.*).
Promotor (but not author): Elias Magnus Fries (1794-1878).
Thesis ed. (title as above): 14 Dec 1853, p. [i-iv], [1]-18. *Copies*: FH, GB, NBV, NY(2).
Trade ed.: "Hydnorum pileatorum in Suecia nascentium synopsis ..." (fide KR), differs from the preceding solely in the title-page (BM).

4611. *Monographia Lactariorum Sueciae* quam venia ampliss. fac. philosoph. Ups. p.p. mag. Matt. Ad. Lindblad in audit. Gustav. die xxx maji mdccclv. h.a.m.s. Upsaliae [Uppsala] (typis descripsit reg. acad. typographus) 1855. Oct. (*Monogr. Lactar. Suec.*).
Publ.: 30 Mai 1855, p. [i*-iii*], [i]-xvi, [1]-31. *Copies*: G, L, NY, USDA.

4612. Dr. M. A. Lindblads *svampbok* bearbetad af Lars Romell jämte anvisningar om svampars insamling, förvaring och anrättning af Herman Sandeberg. Boken åtföljes af 4 färgtryckta planscher. Stockholm (Iduns Kungl. Hofboktryckeri) 1901. Oct. (*Svampbok*).
Editor: Lars Romell (1854-1927).
Co-author: Herman Sandeberg.
Ed. 1: Sep-Dec 1901 (t.p.; p. viii: 1 Sep 1901; Nat. Nov. Oct(1) 1902), p. [i-xi], [1]-166. *Copy*: MICH.– Accompanied by 4 loose plates.

Ed. 1, reissue(1): 1902 (t.p.; p. viii: 1 Sep 1901), p. [i-xi], [1]-166. *Copies*: MICH, NY.
Ed. 1, reissue (2): s.d., p. [i-xi], [1]-166. *Copy*: USDA. – Stockholm (C. F. Fritzes K. Hofbokhandel (i distribution)).
Ed. 2: 1913, n.v., fide KR. (Stockholm, id., x, 158 p.).
Note: LS 15486 gives the title in English; however, we have seen no English translation. The date (1901) and pagination (166 p.) suggest that this is only a title translation.

Lindblom, Alexis Edvard (1807-1853), Swedish botanist; founder and first editor of Botaniska Notiser; Dr. phil. Lund 1826, lecturer at Lund 1831-1851; travelled in Norway 1826, 1837, 1839. (*Lindblom*).

HERBARIUM and TYPES: Acquired by S. Hardin (1813-1867), for the greater part destroyed during the Karlstad fire of 1865. About 100 specimens of the original herb. are at the Karlstad grammar school. Occasional specimens are found in most Swedish herbaria, e.g.: at GB (inf. B. Peterson). – Sayre 1978 mentions bryophytes at LD. – Letters to E. Fries at Uppsala University Library.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 828; Barnhart 2: 384; BL 2: 518, 683; BM 3: 1117; CSP 4: 27-28; Herder p. 21, 166; Hortus 3: 1198 ("Lindbl."); IH 2: 445; Kew 3: 447; Kleppa p. 327; KR p. 405-407; Langman p. 446; LS 15487; PR 5327-5330; Rehder 5: 512; TL-2/1: 1862, see Aspegren, G. L., TL-2/2: see Lasch, W. G.
Anon., Bonplandia 3: 32. 1855, 6: 337. 1858 (cognomen Leche); Bot. Not. 1844: 32, 1853: 78; Flora 22: 733-736. 1839.
Gertz, O. D., Bot. Not. 1939: 273-290 (detailed biogr.; used original sources).
Hård av Segerstad, K. F., C. A. Agardhs fanerogamherbarium 18. 1928.
Löwegren, I., Naturaliekabinett Sverige 305, 306, 309, 310. 1952.
Sayre, G., Bryologist 80: 512. 1978.

COMPOSITE WORKS: (1). Published and edited *Botaniska Notiser*, 7 volumes, for the years 1839-1846.
(2). Fries, E. M., *Novitiae florae Sueciae*, pars vii, 1823.
(3). The index to Fries, E. M., *Syst. mycol.* is by A. E. Lindblom (*Index alphabeticus generum, specierum et synonymorum in. . . Fries systemate mycologico . . . enumeratorum*, Greifswald 1832, 203 p., see TL-2/1867 and note under W. G. Lasch and p. [203] of this index in which Fries acknowledges Lindblom's role.

EPONYMY: *Lindblomia* E. M. Fries (1843).

4613. *Stirpes agri rotnoviensis*, quarum enumerationem, venia ampliss. ord. phil. Lundens. Praeside Carolo Ad. Agardh, . . . pro laurea p.p. auctor Alexis Eduard Lindblom, Rotnoviensis. In Lyceo Carolino d. maji mdcccxxvi. P. I. Lundae (Literis Berlingianis) 1826. Oct.†. (*Stirp. agri rot nov.*).
1: Mai 1826, p. [1]-24. Presided over by Carl Adolf Agardh (1785-1859), but with Lindblom as "auctor." In parts 2-5 (see below) Lindblom himself was president as well as author; the respondents had no part in writing the text.
2: 11 Jun 1828, p. [i-ii], 25-40. "Stirpes agri rotnoviensis, quarum enumerationem venia ampliss. ord. phil. Lundens. proponunt Mag. Alexis Ed. Lindblom et August Kjellman . . . in Lyceo Carolino d. xi junii mdcccxxviii. P. II. Lundae (id.). 1828. Oct.
3: 4 Nov 1829, p. [i-ii], 41-56. "Stirpes . . . [as part 2] . . . et Carl Johan Tigerstrom, Blekingi. In Lyceo Carolino d. iv Nov. mdcccxxix. P. III. Lundae (id.). 1829. Oct.
4: 4 Nov 1829, p. [i-ii], 57-68. "Stirpes . . . et Joab Petterson, Blekingi. In Lyceo Carolino d. iv Nov. mdcccxxix. P. IV. Lundae (id.). 1829. Oct.
5: 9 Dec 1829, p. [i-iv], 69-84. "Stirpes . . . et Johan Palaemon Brock, Blekingi. In Lyceo Carolino d. ix Dec. mdcccxxix. P. V. Lundae (id.). 1829. Oct.
Copies: GB (information B. P. Peterson); NY (nos. 1-4).

4614. *In geographicam plantarum intra Sveciam distributionem adnotata* . . . Lundae (apud C. W. K. Gleerup . . .) 1835. Oct. (*Geogr. pl. Svec.*).
Thesis issue (n.v.): 21 Dec 1835, see KR p. 406, no. 4.
Trade issue: Dec 1835, p. [1], [1]-101, *pl. 1-5*. *Copy*: FI (inf. C. Steinberg).

4614a. *Bidrag till kännedomen af de skandinaviska arterna af slägtet Draba.* [Stockholm, P. A. Norstedt & Söner. 1840]. Oct. (*Bidr. skand. Draba*).
Publ.: 1840 (p. 94; Flora: "vorgelegt" 5 Jan-9 Mar 1841), p. [1]-94. *Copies*: G, NY. – Reprinted from K. Sv. Vet.-Akad. Handl. 1839: [1]-94. 1840.
Addenda: *Några ord om slägtet Draba*, Bot. Not. 1841: 213-227.
Preliminary publ.: *Öfversigt af Skandinaviens Draber*, Bot. Not. 1839: 15-16, 17-24, 49-56; in *Latin*: *Synopsis Drabarum Scandinaviae*, Linnaea 13: 316-335. 1839.

Lindeberg, Carl Johan (1815-1900), Swedish botanist and high school teacher at Göteborg 1859-1889. (*Lindeb.*).

HERBARIUM and TYPES: GB (acquired 1899). Exsiccatae: (1) *Hieracia scandinavica exsiccata*, fasc. 1-3, nos. 1-150, Göteborg 1868-1878; sets at B, BM, C, GFW, K, L, MANCH, O, P, S, WRSL, for further details see KR p. 409, no. 24. (2) *Herbarium ruborum scandinaviae*, fasc. 1-2, nos. 1-52, Göteborg 1882-1885; sets at C, K, LD, MANCH; for further details see KR p. 409, no. 25.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 475; Barnhart 2: 384; BL 2: 521, 525, 546, 682; BM 3: 1117, 7:633; Bossert p. 238; Clokie p. 200; CSP 4: 28, 8: 231, 10: 601, 16: 788; Hortus 3: 1198 ("Lindeb."); IH 2: 445; Jackson p. 573; Kew 3: 447; Kleppa p. 194, 237, 241, 242; KR p. 408-409; Morren ed. 10, p. 104; PR 5331-5332; Rehder 5: 512; TL-2/1: 189; Urban-Berl. p. 369.
Anon., Bot. Jahrb. 29(Beibl. 66): 31. 1900 (d. 4 Mai 1900); Bot. Not. 1849: 104, 1850: 23, 1857: 191, 1858: 134, 1871: 197, 1872: 188, 1889: 28, 1900: 142; Hedwigia 39 (Beibl.): 112. 1900 (d.); Nat. Nov. 22: 341. 1900 (d.); Österr. bot. Z. 50: 307. 1900.
Babington, C. C., Mem. journ. bot. corr. x, 414. 1897.
Scheutz, N. J. W., Bot. Centralbl. 13: 390-391. 1883, 27: 129-130. 1886 (rev. exsicc.).
Wittrock, V. B., Acta Horti Berg. 3(2): 48, *pl. 12.* 1903, 3(3): 23. 1905 (b. 3 Aug 1815) (portr.).

4615. *Plantarum vascularium in regione Maeleri orientali boreali* sponte crescentium *synopsis*, quam venia ampliss. facult. philos. Upsal. praeside Elia Fries, ... pro gradu philosophico p.p. auctor Carolus Johannes Lindeberg, Smolandus. In audit. Gustav. die 13 Jun mdcccxlviii h.a.m.s. I. Upsaliae [Uppsala] (P. Hanselii) 1848. Oct. (*Pl. Maeler. syn.*).
Thesis ed.: in two parts.
1: (as above); 13 Jun 1848, p. [1]-16. *Copies*: L, NY.
2: 13 Jun 1848, p. [i], 17-33. *Copy*: NY. – " ... p.p. Magnus Vilhelm Kalén, Ostogothus. In audit. Gustav. die xiii jun. mdcccxlviii h.p.m.a. II. Upsaliae (id.).
Trade ed.: *Synopsis plantarum vascularium* ... crescentium. Auctore Carol. Joh. Lindeberg. Upsaliae (id.) 1848, p. [i, iii], [1]-33. *Copies*: NY, USDA.
Preliminary publ.: Ex exkursion i Mälaren sommaren 1845. Bot. Not. 1845: 202-210.

4616. *Novitiae florae scandinavicae.* Afhandling, som under inseende af H. H. Ephorus och H. Domkapitlet i Göteborg, kommer att till offentlig granskning framställas i h.v. Högre Elementar-Läroverks Sollennitetssal fredagen d. 10 Dec 1858 kl.f.m. af Mag. C. J. Lindeberg, ... och Wilhelm Levan. Göteborg (tryckt hos D. F. Bonnier) 1858. Oct. (*Novit. fl. scand.*).
Publ.: 10 Dec 1858, p. [i], [1]-24, *pl. 1-2* (uncol. liths.). *Copy*: NY. – Thesis to qualify as a university lecturer. The rôle of Wilhelm Levan, about whom nothing is known to us, was probably purely formal. Other title (p. [1]): "Novitiae florae scandinavicae af C. J. Lindeberg. I. Med 2 Tab." Göteborg (id.) 1858. A second part was never published.

4617. *Skandinaviens Hieracier* beskrifna af C. J. Lindeberg ... Stockholm (Ivar Haeggströms boktryckeri) 1877. Oct. (*Skand. Hierac.*).
Publ.: *1877*, p. [1]-26. *Copies*: G(2). – Reprinted from Hartman, Handb. Skand. Fl. ed. 11. 1: 34-57. 1879. Preceded by a similar treatment in ed. 10.1: 18-34. 1870 (KR mentions a preprint 1869, 16 p.).

Lindemann, Eduard Emanuilovitch von (1825-1900), Russian botanist at Elisabethgrad (Cherson), son of Emanuel von Lindemann, studied natural sciences and medicine at

St. Petersburg 1841-1847; military surgeon in the Russian army from 1848; Dr. phil. h.c. Odessa 1877. (*Lindem.*).

HERBARIUM and TYPES: LE; further material in MW.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 384; BM 3: 1118; Bossert p. 238; CSP 4: 28, 8: 232-233, 10: 602; Hortus 3: 1198 ("Lindem."); IH 2: 445; Jackson p. 328; Kew 3: 447; Langman p. 446; Lipschitz p. 218; LS 15494-15495; Morren ed. 10, p. 97; MW p. 274; PR (alph.); Rehder 5: 512; TR 800-809.
Asmous, V. C., Chron. bot. 11(2): 102. 1947.
Bourdeille, Bull. Soc. imp. Natural. Moscou ser. 2. 6: 379-380, 493-495. 1894.
Candolle, Alph. de, Phytographie 428. 1880.
Herder, F. v., Bot. Centralbl. 55: 296. 1893 ("das ganze Herbar ..." at LE).
Lindemann, E. E. v., Bull. Soc. imp. Natural. Moscou 36(1): 233-253. 1863, 46(2): 56-101. 1872, 60: 265-312. 1885, 61(1): 37-92. 1886 (herb.).
Mühlenbach, V., Latviešu arstu un zobarstu apvienibas apkartraksts 114: 1-15. 1978.

4618. *Florula Elisabethgradensis.* Additamentum ad floram chersonensem, seu enumeratio plantarum circa urbem Elisabethgrad, pagum Elisabethgradkam et in viciniis sponte crescentium ... [Moscou 1867]. Oct. (*Florul. Elisabethgr.*).
Publ.: 1867 (reprint so dated) p. [1]-182. *Copy*: FI. Reprinted (and perhaps in part preprinted) from Bull. Soc. imp. Natural. Moscou 40(2): 448-544. 1867, 40(4): 297-298. 1867.
First suppl.: ib. 41(1): 114-137. 1868.
Second suppl.: ib. 45(2): 265-334. 1872.
Third suppl.: ib. 49(3): 62-109. 1875.

4619. *Prodromus florae chersonensis* auctore Eduardo à Lindemann. [title also in Russian; imprint on Russian t.p.:] Odessa (L. Nitsche) 1872. Oct. (*Prodr. fl. cherson.*)
Publ.: 1872 (J. Bot. Apr 1876 and Österr. bot. Z. 1 Feb 1876 sic!), p. [i]-lxii, [1]-229, [i]-xxvi. *Copies*: B, G. – Zap. Novorossijsk. Obsc. Estestvoisp. (Mém. Soc. natural. nouv. Russie), first supplement to the first volume.

4620. *Flora chersonensis.* Auctore Eduardo a Lindemann ... Odessae (G. Ulrich (P. A. Zelenavo)) 1881-1882, 2 vols. Oct. (*Fl. cherson.*).
1: Jan-Sep 1881 (p. xxxv: 3 Jul 1880; Bot. Zeit. 30 Dec 1881; Nat. Nov. Oct(3) 1881), p. [i*-iii*], [i]-lviii, [1]-393, [i]-x.
2: Jan-Oct 1882 (Nat. Nov. Nov(1) 1882; Bot. Zeit. 29 Dec 1882), p. [i-ii], [1]-329, [i]-lxv, [i]-iii, err.
Copies: BR, G, M, MO, USDA.
Orig. publ.: Zap. Novorossijsk. Obsh. Estestvoisp. vol. 6 (supplements).

Lindemann, Emanuel von (1795-1845), Russian botanist and entomologist at Mitau; studied at Erfurt (1813) and Dorpat (1814-1816); high school teacher at Mitau 1820-1845. (*Em. Lindem.*).

HERBARIUM and TYPES: LE.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 384; BM 3; 1118; IH 2: 445; Kew 3: 447; Lipschitz fontes 1138; PR (alph.); TL-1: 368; TL-2/1: 1802; TR 397.
Anon., Flora 29: 656. 1846; Bot. Zeit. 4: 720. 1846.
Candolle, Alph. de, Phytographie 428. 1880.
Lindemann, E. E. v., Bull. Soc. imp. Natural. Moscou 36(1): 233-253, 46(2): 56-101. 1872, 60(4): 265-312. 1884, 61(1): 37-92. 1885 (list of coll. in his herb.), (b. 24 Mai 1795, d. 22 Aug 1845).
Pritzel, G. A., Linnaea 19: 457. 1847.

COMPOSITE WORKS: Edited Fleischer, J. G., *Fl. Ostseeprov.* ed. 1, 1839, see TL-2/1802.

Linden, Jean Jules (1817-1898), Luxemburg botanical explorer traveling in America

1835-1845; plant dealer at Luxemburg 1845-1852; director of the Jardin royal de Zoologie et d'Horticulture, Brussels, 1852-1861; continuing his activities as plant introducer and dealer both in Brussels and Gent (buying the Ambroise Verschaffelt nursery in 1873) in his firms "Compagnie Continentale" and "Horticulture internationale." (*Linden*).

HERBARIUM and TYPES: Main set at BR. Linden sold his collections to many institutions (see IH). It is difficult to say where the types of the *Plantae columbianae* are until specimens annotated by Planchon are found (BR or MPU?).

BIBLIOGRAPHY and BIOGRAPHY: ADB 5(1): 370; AG 3: 910, 5(1): 370; Backer p. 330; Barnhart 2: 385; BM 3: 1118; Clokie p. 200; CSP 4: 28, 8: 233; GF p. 85; Herder p. 146, 287; Hortus 3: 1198 ("Linden"); IF suppl. 4: 329; IH 2: 445-446; Jackson p. 138, 418, 495; Kew 3: 447; Langman p. 446; Lasègue p. 213-215, 574; Lenley p. 268; Morren ed. 2, p. 15; NI 1195-1196; PR 5334-5335; Rehder 5: 512-513; RS p. 113; SK 4: cxcvii; TL-1: 688; TL-2/2: see Lemaire, A. C.; Urban-Berl. p. 271, 306, 369; Zander ed. 10, p. 685, ed. 11, p. 781.

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NOTE: Linden's elder son, Auguste Charles Joseph Linden (1852-1894) travelled in the Malesian area, Congo and Spain; he established a plant introduction center in Luxemburg. Charles Lucien Linden (1853-1940), the younger son, succeeded his father as director of the company in 1876.

J. J. Linden himself made three trips (extensive details in Urban 1902):

1. to Brazil, 1835-1837, with Nicolas Funck (artist and collector; 1816-1896) and the zoologist August B. Ghiesbrecht (1808-1888).
2. to Cuba, Mexico and Central America, 1837-1841, also with Funck.
3. to tropical America, 1841-1844, with Louis Joseph Schlim. The latter continued this exploration with Funck 1845-1855.

The living plants were at first brought to Luxemburg; later to Linden's nurseries at Brussels

and Gent. For the orchids collected by Linden see e.g. J. Lindley, *Orchideae lindenianae* (London 1846).

COMPOSITE WORKS: (1), *Orchidaceae lindenianae*, 1846 see J. Lindley.
(2). *L'Illustration horticole*, vols. 17-43, 1870-1896.

MEMORIAL PUBLICATION: Lucien Linden, editor, La Semaine horticole 2 (numéro special): [61]-88, 12 Feb 1898 (portr.).

EPONYMY: (genera): *Lindenia* Bentham (1841); *Lindenia* Martens & Galeotti (1843); *Lindeniopiper* Trelease (1929); *Neolindenia* Baillon (1890); (journal): *Lindenia*. Iconographie des Orchidées. Gent. Vol. 1-17, 1885-1906.

4620a. *Établissement de botanique et d'horticulture de J. Linden*, à Luxembourg. *Prix-courant* pour printemps 1847. Luxembourg, (Imprimerie et lithographie de M. Behrens fils) s.d. [1847]. Oct. (*Établ. Linden, prix-courant*).

NOTE: Linden issued sales catalogues from 1846 onward. These catalogues (sometimes called prix-courant) often contained descriptions of new taxa as well as illustrations of new or rare plants. They are frequently cited in the literature and difficult to find. We cite here the issues seen by us stressing that our information is still incomplete. The numbering started with no. 10 or possibly with an earlier number not seen by us. The numbers [1]-23 refer all to Linden's firms at Luxembourg (in existence 1845-1852) and Brussels (1852-1881); from no. 24 onward the catalogues continued the numbering of the catalogues of the firm of Ambroise Verschaffelt at Gent. Nos. 24 and 25 are at the same time 85 and 86, from 87-102 the catalogues carry again single numbers. We have seen only two of the presumably seven catalogues from the Luxembourg series and the first number seen of the Brussels series (which probably started with no. 8) is no. 10. Most of our information comes from the series at BR and M with additional notes made by the late R. Tournay.
[*1*]: presumably for 1846 with a title as given above for 1847 (n.v.).
[*2*]: 1847 (Bot. Zeit. 28 Mai 1847), cover, p. [1]-7, [1-4]. *Copy*: BR. *Title* as above. (PR ed. 1: 5913).
[*3*]: 1848 (n.v.) (Bot. Zeit. 6 Oct 1848).
[*4*]: 1849, cover, p. [1]-12, [1-2]. *Copy*: Br.
[*5*]: 1850 (n.v.)
[*6*]: 1851 (n.v.)
[*7*]: 1852 (n.v.). May also have been the first of the Brussels series.
Continuation: See below *Cat. pl. exot.*

4621. *Preludia florae columbianae*, ou matériaux pour servir à la partie botanique du voyage de J. Linden, par MM. J.-E. Planchon et Linden [Paris 1853]. (*Prelud. fl. columb.*).
Co-author: Jules Émile Planchon (1823-1888).
Publ.: Feb 1853 (in journal), p. [1]-9. *Copy*: NY. – Reprinted from Ann. Sci. nat., Bot. ser. 3. 19(2): 74-82. 1853. Same text published in Bull. Acad. Sci., Bruxelles 20: 186-196. 1853.

4622. *Pescatorea*. Iconographie des Orchidées, par J. Linden, ... avec la collaboration de MM. J.-E. Planchon ... M.-G. Reichenbach fils, ... G. Luddemann, ... premier volume. Bruxelles (M. Hayez, Imprimeur de l'Academie royale de Belgique) [1854-] 1860. Fol.†. (*Pescatorea*).
Eponymy: Jean Paul Pescatore (1793-1855), a wealthy Luxemburg-born orchid grower and horticulturist.
Co-editors: G. Lüddemann; Jules Émile Planchon (1823-1888); Heinrich Gustav Reichenbach (1824-1889).
Publ.: In 12 "monthly" fascicles, from 1 Jun 1854 onward, of 4 plates with text (fasc. 1-4 publ. 1854; p. [iii]: 20 Jan 1860), p. [i-iii], *48 pl.* w. text [96 p.] (handcol. liths. by F. de Tollenaere and Maubert). *Copies*: MICH, MO, USDA.
Facsimile ed.: announced, but not yet published, by Asher (1974).
Ref.: Duveen, D.I., Amer. Orch. Soc. Bull. 42: 822-824. 1973.
Anon., Bull. Soc. bot. France 2: 60-61. 1855.

Seemann, W.E.G., Bonplandia 4: 158-160. 1856.

4623. Jardin royal de zoologie et d'horticulture, de Bruxelles. *No. 10.* Établissement d'introduction pour les plantes nouvelles. *Catalogue des plantes exotiques*, nouvelles et rares, cultivées dans les serres de J. Linden, ... à Bruxelles. Printemps, Été et Automne 1855. Bruxelles (Imprimerie de G. Stapleaux, ...) 1855. Duod. (in sixes). (*Cat. pl. exot.*).
[*8*]: 1853 (n.v.) (Bot. Zeit. 7 Oct 1853).
[*9*]: 1854 (n.v.) (Bot. Zeit. 26 Mai 1854).
10: 1855, cover, p. [1]-51. *Copy*: BR. *Title*: as above.
11: 1856, cover (t.p.), p. [1]-35, index on cover p. [4], *5 pl.* (handcol. lith.). *Copies*: BR, NY. *Title*: "Établissement d'introduction pour les plantes nouvelles, (collections botaniques et zoologiques). No. 11. *Supplément et extrait du Catalogue des plantes exotiques,* nouvelles et rares cultivées dans les serres de J. Linden, ... au Jardin royal de zoologie et d'horticulture à Bruxelles. Prix-courant pour printemps, été et automne de 1856. Bruxelles (Imprimerie de E. Guyot et Stapleaux fils, ...) 1856. Oct.
12: 1857, cover (t.p.), p. [1]-46, [1], *3 pl.* (id.), contents on p. [4] cover. *Copies*: BR, G, M, NY. *Title*: as no. 11, except: "... No. 12. *Catalogue des plantes exotiques* ..." Bruxelles (M. Hayez, imprimeur ...) 1857. Oct. (in fours).
13: 1858, cover (t.p.), p. [1]-27. *Copy*: M. – *Title*: as no. 11: "... No. 13. *Supplément et extrait du catalogue des plantes exotiques,* ..." Bruxelles (M. Hayez, imprimeur) 1858.
14: 1859 (n.v.).
15: 1860 (n.v.)
16: 1861, cover (t.p.), p. [1]-7. *Copy*: M. – *Title*: as in 11: "... No. 16. *Supplément et extrait du catalogue des plantes exotiques,* ... " Bruxelles (M. Hayez, imprimeur) 1861.
17: 1862 (p. [1]: Mar 1862), cover (t.p.), [1]-58. *Copy*: M. – *Title*: as in 11: "... No. 17. *Catalogue des plantes exotiques,* ... prix courant pour 1862." Bruxelles (M. Hayez, imprimeur) 1862. Duod.
18: 1863/4 (n.v.).
19: 1865, cover (t.p.), p. [1]-56. *Copy*: M. – *Title*: as in 11: "... No. 19. *Catalogue des plantes exotiques,* – prix courant pour 1865." Bruxelles (M. Hayez, imprimeur ...) 1865. Oct. (in fours).
20: 1866 (n.v.).
21: 1867, cover not seen, p. [1]-28, *2 pl.* (chromoliths.). *Copy*: M. – *Title* (on cover): n.v.
22/23: 1869 (cover: no. "23", p. [1] as no. "22" both for 1869), p. [1]-64. *Copy*: BR. *Title* (on cover): "Établissement d'introduction pour les plantes nouvelles." Premier grand prix unique ... no. 22. *Catalogue et prix courant pour 1869* de J. Linden ... au Jardin royal de zoologie et d'horticulture, quartier Léopold à Bruxelles. Bruxelles (Imprimerie et lithographie de Verhavert, ...) 1869. Oct.
Continuation: see below, "*Catalogues généraux* ..."

4624. *Hortus lindenianus.* Recueil iconographique des plantes nouvelles introduites par l'établissement de J. Linden, ... au Jardin royal de zoologie et d'horticulture, à Bruxelles. Bruxelles (M. Hayez, imprimeur de l'Académie royale de Belgique, ...) 1859-1860, 2 parts. Fol. †. (*Hort. linden.*).
[*Part 1*]: Apr 1859 (cover, p. iv: 30 Mar 1859; cover has "Apr 1860" on top, "1859" at bottom), p. [i-vi], [1]-12, *pl.* [*1-6*], numbered in text; *pl.* [*7*], mentioned in the text, but not issued. (col. liths.).
[*Part 2*]: Apr 1860 (cover), p. 13-25, *pl.* [*8-12*], id., *pl.* [*13*] mentioned, but not issued.
Copies: BR, G, MO, NY (orig. cover), USDA (id.).

4625. *Troisième voyage de J. Linden,* dans les parties intertropicales de l'Amérique, au Vénézuela, dans la Nouvelle-Grenade, à la Jamaique et dans l'ile de Cuba, exécuté par ordre du gouvernement belge pendant les années 1841 à 1845 et publié sous ses auspices. Première partie. Botanique. *Plantae columbianae,* par J. Linden, ... et J. E. Planchon, ... Tome 1er. Bruxelles (M. Hayez, Imprimeur ...) 1863. Oct. † (*Pl. columb.*).
Co-author: Jules Émile Planchon (1823-1888).
Publ.: Printed in 1863 but not published in that year. Five copies of the first fascicle were put together by C. A. Cogniaux from the clean sheets in 1874-1875. One of these copies is at BR, others at A, K and US. Since Linden gave permission to issue the five copies, the book must be considered as effectively published since 1874/75. *Pagination*: [i*, iii*], [i]-

lxxxviii, [1]-64. *Copies*: BR, US; IDC 6022. – The types of the *Plantae columbianae* are not at BR.
Facsimile ed.: 1977, Leiden (Boerhaave Press), ISBN 90-70153-07-6, 2 new prel. pages plus the original [i*, iii*], [i]-lxxxviii, [1]-64. *Copy*: FAS. – See Taxon 27: 112-113. 1978.
Ref.: Urban, I., Symb. ant. 3: 78. 1902.
Sprague, T., Bull. misc. Inf. Kew 1926: 32-44.

4626. Nos. 85 et 24. – Année 1869-1870. . *Supplément et extrait des catalogues généraux* no. 83 de l'établissement horticole Ambroise Verschaffelt, Directeur: M. Prosper Gloner, . . . à Gand (Belgique), et du no. 23 de l'établissement d'introduction pour les plantes nouvelles de J. Linden, . . . au Jardin royal de zoologie et d'horticulture, Quartier Léopold, à Bruxelles. Prix-courant pour automne 1869 et printemps 1870 . . . Gand [Gent] (Impr. et lith. de E. et S. Gyselinck) [1869].
85/24: 1869 (p. [1]: 1 Jul 1869), p. [1]-28. *Copies*: BR, G. – *Title*: as above.
86/25: 1870, p. [1]-26, *1 pl. Copies*: BR, G. – *Title*: "Nos. 86 et 25. – Année 1870. Supplément et extrait des catalogues généraux no. 83 . . . et du no. 23 . . . de Linden, . . . prix courant pour l'année 1870 . . ." Gand [Gent]) (id.) [1870].
Continuation: see below, "*Catalogue général* . . . ".

4627. No. 87. – Année 1871. *Catalogue général* et prix-courant pour 1871 des plantes de serres des établissements d'horticulture et d'introduction de J. Linden . . . à Bruxelles, Quartier Léopold (vis-à-vis du Musée Wiertz) et à Gand (Belgique) 52, rue du Chaume (Ancien établissement Ambroise Verschaffelt). Gand [Gent] (Impr. et lith. de E. et S. Gyselinck) [1871]. Oct. (in fours).
87: 1871 (p. [3] cover: 3 Apr 1871), cover, p. [i, t.p.], [1]-108, [109 = p. 3 cover]. *Copy*: BR. *Title*: as above. *Note*: cited as 87-88 on t.p. of no. 89.
[*88*]: Aug 1871, (n.v.), announced on cover p. [1] of no. 87, special catalogue "Azalées, Camellias, . . ."
[*88bis*]: 1871 (p. 26: 15 Mar 1871), cover, p. [i, t.p.], [1]-26. *Copies*: BR, M. – *Title*: "1871. Établissement . . . *catalogue spécial* et prix-courant *des orchidées exotiques* de l'établissement d'introduction de J. Linden à Bruxelles, Quartier Léopold." Gand [Gent] (id.).
89: 1872, p. [i, cover]-x, [1]-22. *Copy*: M. – *Title*: "*Catalogue des plantes nouvelles* et supplement au catalogue général no. 87-88 des plantes de serres et de plein air des établissements d'horticulture et d'introduction de J. Linden . . . à Gand (Belgique)." Gand [Gent] (id.).
90: 1873, cover, p. [i*], [i]-xiii, [3]-42. *Copies*: BR(2). – *Title*: "Catalogue des plantes nouvelles . . . [as 89] . . . J. Linden Quartier Léopold à Bruxelles en face du Musée Wiertz . . . et . . . à Gand (Belgique)." Gand [Gent] (id.). [this title appears on t.p. [i*], the cover title is simpler.].
91: 1874, cover, p. [i-vii], [3]-72, *4 pl. Copy*: BR. – *Title* on cover: "No. 91 – 1874. *Catalogue des plantes de serres* de l'établissement d'introduction et d'horticulture de J. Linden. Gand (Belgique)."
92: 1874, cover, p. [1]-32. *Copy*: BR. – *Title* on cover: "No. 92. – 1874-1875. *Catalogue spécial des Azalea, Camellia, Rhododendrum* et supplément au catalogue no. 91 des plantes de serres de l'établissement d'introduction & d'horticulture de J. Linden. Gand (Belgique)."
93: 1875, cover, p. [i*-ii*], [1]-71, [72, cont.], several lith. pl. *Copy*: BR. – *Title* on cover: "1875. – no. 93. Établissement . . . de J. Linden à Gand. Catalogue des plantes de serres, plantes d'introduction nouvelle ou récente, . . . etc." Gand [Gent].
94: 1875, cover, [1]-38. *Copy*: BR. – *Title* on cover: "No. 94. – 1875-1876. *Catalogue spécial des Azalea, Camellia, Rhododendrum*, . . . de J. Linden." Gand [Gent].
95: 1876, cover, p. [1]-85, several pl. *Copy*: BR. – *Title* on cover: "No. 95. *Catalogue illustré des plantes de serres* de l'établissement . . . de J. Linden (Directeur: M. Lucien Linden)." Gand [Gent] (Imprimerie de E. et S. Gyselinck) 1876.
96: 1876, cover, [1]-28, several pl. *Copy*: BR. – *Title* on cover: "No. 96. – 1876. Premiers grand prix . . . Établissement d'introduction et d'horticulture de J. Linden. *Supplément illustré* au catalogue (no. 95) des plantes de serres et au catalogue spécial (no. 94) des Azaleas et Camellias." Gand [Gent].
97: 1877, cover, p. [1]-35, [36, cont.], several *pl. Copies*: BR, M. – *Title* (t.p.): *Catalogue illustré des plantes de serres* rares, nouvelles ou particulièrement recommandables de l'établissement d'introduction et d'horticulture de J. Linden. Directeur: M. Lucien Linden. 1877 . . . Gand (Belgique)."

98: 1878, cover, p. [1]-60. *Copy*: BR. – *Title* on cover: "No. 98. *Catalogue des plantes de serres* de l'établissement ... de J. Linden ... 1878 ... Gand (Belgique)."
99: 1878, cover, p. [1]-43, [44, cont.]. *Copies*: BR, M. – *Title*: "No. 99. *Catalogue spécial des Azalea, Camellia, Rhododendrum* ... de J. Linden à Gand (Belgique), ... 1878-79."
100: 1879, cover, p. [1]-60, several *pl. Copy*: BR. – *Title*: "*Catalogue illustré des plantes de serres* ... de J. Linden ... Gand (Belgique) ... "
101: 1880, cover, p. [1]-116. *Copy*: BR. – *Title*: "No. 101. *Catalogue général* de l'établissement ... de J. Linden à Gand (Belgique) 1880 ..."
102: 1881, cover, [1]-48, several *pl. Copy*: BR. – *Title*: "No. 102. *Catalogue illustré* des plantes nouvelles ... de J. Linden à Gand (Belgique) ... 1881 ... "

NOTE: We have seen no further issues of the regular Linden catalogues. We have not mentioned special catalogues such as trade lists, lists of public auctions of plants, because these do not contain information of taxonomic or nomenclatural importance.

4628. *Lindenia* Iconographie des Orchidées. Directeur: J. Linden. Rédacteur en chef: Lucien Linden & Emile Rodigas. Gand [Gent] 1885-1906, 17 vols. (*Lindenia*).
Co-editors: Emile Rodigas (1831-1902), Charles Lucien Linden (1853-1940).
Publ.: 17 volumes, each in 12 parts of four plates with accompanying text. In later volumes fascicles often came out in sets of 2; the last instalment published, Dec 1906, contained parts 9-12 of vol. 17. In all 813 plates, numbered 1-794, 796-814 of which only *pl. 525* was uncoloured. A portrait of Linden is included in vol. 13. *Copies*: NY, U.
English translation: 13 vols., Feb 1891 – Jul 1898, of 24 plates each, limited to the plates of the second half of vol. 6 of the original edition, and vols. 7-12, numbered 265-624. *Copy*: NY. – "Lindenia, iconography of Orchids conducted by J. Linden, Lucien Linden, Em. Rodigas and R. A. Rolfe ..." Ghent (printed by Eug. Vanderhaeghen).

Linden, Lucien (1851-1940), Belgian horticulturist, son of J. J. Linden, (*L. Linden*).

HERBARIUM and TYPES: Some material at K.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 656 (b. 1865); BM 3: 1118; IH 2: 446. Jackson, B. D., Bull. misc. Inf. Kew 1901: 40.

COMPOSITE WORKS: (1), Editor of *Lindenia*, Iconographie des Orchidées (with E. Rodigas), vols. 1-17, 1855-1903 (NI 2348).
(2). Editor, *L'Illustration horticole* 28-43, 1881-1896.

4629. *Les orchidées exotiques* et leur culture en Europe ... Bruxelles (chez l'auteur ...), Paris (Octave Doin, ...) 1894. Oct. (*Orch. exot.*)
Co-author: Célestin Alfred Cogniaux (1841-1916).
Publ.: 1894, p. [i]-xiv, [1]-1019. *Copy*: MO.

Lindenberg, Johann Bernhard Wilhelm (1781-1851) German bryologist, lawyer at Lübeck, later at Hamburg, ultimately Amtsverwalter (administrator) at Bergedorf. (*Lindenb.*).

HERBARIUM and TYPES: The Lindenberg herbarium, over 5000 specimens, is at W. The types of Gottsche and Lindenberg were at B (now destroyed), isotypes are in Lindenberg's herbarium in W and also at G (information R. Grolle). Algae at HBG; musci also at STR.

BIBLIOGRAPHY and BIOGRAPHY: ADB 18: 688-689; Backer p. 330; Barnhart 2: 385; BM 3: 1118; CSP 4: 30; Dryander 2: 237, 244; DTS 1: 172; Frank 3(Anh.): 58; Herder p. 261; IH 2: 446; Jackson p. 573; Kew 3: 448; Lasègue p. 545, 574; Moebius p. 122; MW p. 274, suppl. p. 203; NI 1197-1198; PR 5336-5339; SBC p. 125 ("Lindenb."); TL-1: 422, 689; TL-2/1: 1557, 2097; Urban-Berl. p. 306.
Anon., Bonplandia 2(22): 267. 1854 (cognomen in Leopoldina "Weber."); Bot. Zeit. 9: 589. 1851; Flora 34: 574, 788. 1851; Österr. bot. W. 1: 315. 1851 (d. 6 Jun 1851).
Beck, G., Bot. Centralbl. 33: 314. 1888, 34: 149. 1888 (herb. at W, 9080 specim.).
Bullock, A. A., Bibl. S. Afr. bot. 70. 1978.

Candolle, Alph. de Phytographie 428. 1880.
Fischer-Benzon, R. J. D. von, *in* P. Prahl, Krit. Fl. Schleswig-Holstein 2: 34. 1890.
Pearson, J. Bot. 29: 377-380. 1890 (The Lejeuneaceae of L's herbarium, by Stephani, reviewed).
Rodgers, A. D., William Starling Sullivant 160, 164, 173. 1940.
Sayre, G., Bryologist 80: 512. 1978.
Schuster, R. M., Hep. Anthoc. N. Amer. 1: 72. 1966.
Stephani, F., Hedwigia 29: 1-23, 68-99, 133-142. 1890 (Die Gattung Lejeunia im Herbarium Lindenberg," see also Pearson, J. Bot. 28: 377-380. 1890).

COMPOSITE WORKS: With C. M. Gottsche and C. G. Nees ab Esenbeck, *Syn. hepat.* 1844-1847, see TL-2/2097.

4630. *Synopsis hepaticarum europaearum,* adnexis observationibus et adnotationibus criticis illustrata, auctore I. B. G. Lindenberg, Dr., ditionis bergedorfensis praefecto. Cum tabulis duabus. Bonnae (Sumtibus Academiae Caes. L. C. Naturae curiosorum. Venditur apud Eduardum Weberum, bibliopolam). 1829. Qu. (*Syn. hepat. eur.*)
Publ.: 1829 (Flora rd. 1 Oct-20 Dec 1829, rev. 13: 8-30. 1830), p. [i], [1]-133, *pl. 1-2. Copies*: B, G, MO, NY, IDC 2328. – Nov. Act. Acad. Leop. 14, supplementum [with independent pagination]. Bonnae 1829.
Italian translation: Sinossi delle epatiche europee di I. B. Lindenberg compendiata e illustrata ad uso dei botanofili italiani dal ... G. Savi ... Pisa 1831. – Abbreviated.

4631. *Monographie der Riccieen,* von Dr. J. B. W. Lindenberg, [Bonn (Acad. Leop.-Car. Nat. Cur.) 1837]. Qu. (*Monogr. Ricc.*).
Publ.: Jan-Oct 1837 (submitted 28 Feb 1836; Flora "vorgelegt" 6 Nov 1837), *in* Nova Acta Acad. Leop. 18(1): 361-504, 504a-i, k-m, *pl. 19-37* (col. liths., anon.). *Copies*: B, FI, G, M, MO, NY. – We have seen no copy with independent pagination and/or renumbered plates.

4632. *Species hepathicarum.* Recensuit, partim descripsit iconibusque illustravit Ioh. Bernh. Guil. Lindenberg [fasc. 6-11: et C. M. Gottsche] ... Bonnae (Impensis Henry et Cohen) 1839-1851, 11 fasc. Qu. (*Sp. hepat.*).
Co-author fasc. 6-11: Carl Moritz Gottsche (1808-1892).
1: 12-18 Apr 1839 (Hinrichs), p. [i]-iv, [5]-36, *pl. 1-6.*
2-4: 11-14 Mar 1840 (id.), p. 37-120, *pl. 7-24.*
5: 27 Dec 1843 (id.), p. i* (t.p. dated 1844), [i]-xxix (synopsis), [i]-vi (index), 121-164, *pl. 25-33, 39.*
6-7: 21 Dec 1846 (id.), p. [i]-iv, [1]-78, *pl. 1-12.*
8-11: 10-11 Mar 1851 (id.), p. [i]-xii, [1]-118, [1, err.], *pl. 1-22.*
Copies: G, MICH, NY, USDA; IDC 5192. – The plates are (partly) coloured liths. – The spelling *Hepathicarum* occurs on the t.p. of fasc. 1. The titles on the fascicles of the subsequent fascicles have *Hepaticarum.* The dates of availability at Bonn may have been somewhat earlier than the dates of receipt by Hinrichs at Leipzig. The dates in Flora and Gersdorff support the above dates.
The second series of pages with roman numerals, ([i]-xxix) was issued with fasc. 5 on 27 Dec 1843 according to the list of the contents of this fascicle in Gersdorff, Leipziger Repertorium 2(1): 121, 164, 516. 1844. This separate "chapter" contains a treatment of *Plagiochila* (p. i-xiv) and a *Synopsis specierum* (p. xv-xxix). The title-page [i*] reads: *Monographia hepaticarum generis Plagiochilae* ... cum tabulis xxxiii. Bonnae (id.) 1844.
Ref.: Junk, W., Rara 1: 66. 1900-1913.

Linder, David Hunt (1899-1946), American mycologist; Ph. D. Harvard 1926; author on fungi imperfecti; at the Shaw School of Botany, Washington, Univ., and the Missouri botanical Garden, St. Louis 1926-1931; curator of the Farlow herbarium (1932-1946). (*Linder*).

HERBARIUM and TYPES: FH; duplicates see IH.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 237, 331; Barnhart 2: 385; GR cat. p. 67; IH 1

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COMPOSITE WORKS: editor of *Farlowia*, vols. 1-3(1), 1943-1946.

EPONYMY: *Aqualinderella* R. Emerson & W. H. Weston (1967); *Linderia* G. H. Cunningham (1931); *Linderiella* G. H. Cunningham (1942); *Linderina* K. B. Raper & D. I. Fennell (1952); *Linderomyces* R. Singer (1947): *Lindra* [sic] I. Wilson (1956). The derivation of *Lindera* Thunberg (1783, nom. cons.) and *Lindera* Adanson (1763, nom. rej.) is not given by the authors.

MEMORIAL PUBLICATION: Farlowia 3(2), July 1947.

Lindgren, Sven Johan (1810-1849), Swedish botanist; teacher at the Degeberg agricultural college in Västergötland. (*Lindgr.*).

HERBARIUM and TYPES: C. – Published (with Knut Frederik Thedenius, 1814-1894, and Olof Leopold Sillén 1813-1894): (1). *Musci sveciae exsiccati*, fasc. 1-2, nos. 1-50, Upsala 1835; (2). *Musci sveciae exsiccati*, fasc. 3-4, nos. 51-100, Gevaliae 1844;
(3). *Musci sveciae exsiccati*, fasc. 5-6, nos. 101-150, Gevaliae 1838 (ed. by K. F. Thedenius);
(4). *Musci sveciae exsiccati*, fasc. 7-8, nos. 151-200, Gevaliae 1838 (ed. by O. L. Sillén).
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Anon., Flora 22:752. 1839.

Lindheimer, Ferdinand Jacob (1801-1879), German botanist; in 1834 as political refugee to the United States; settled in 1840 at New-Braunfels, Texas, in which state he collected extensively. (*Lindh.*).

HERBARIUM and TYPES: His collections from Texas (1842-1851), partly distributed as *Flora texana exsiccata*, (fasc. 1-4, nos. 1-754, fasc. 5, ca. 630 nos.) in many herbaria. An important set is at GH, the basis for Engelmann and Gray's *Plantae lindheimerianae* (see no. 1690); important sets at BAYLU, GH, MO, NA, SMU, YU.
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NOTE: Lindheimer settled at the town of New Braunfels, Texas, laid out in March 1845 by Prince Carl Solms Braunfels, thirty miles north of San Antonio, on the initiative of the German immigration company (Verein zum Schutze deutscher Auswanderer in Texas). A picture of Lindheimers "Cabin on the Comal" at New Braunfels and much further information is given e.g. by Elkinton (1945). Lindheimer was editor of the *New Braunsfelser Zeitung* for nearly twenty years. See also Geiser (1948).

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EPONYMY: *Lindheimera* A. Gray & G. Engelmann (1847).

Lindinger, Karl Hermann Leonhard (1879-x), German botanist at Hamburg. (*Linding.*).

HERBARIUM and TYPES: Some material at B.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 386; BFM 1526, 3115; BL 1: 87, 306; BM 7: 634; Hirsch p. 176; Hortus 3: 1198 ("Lindinger"); IH 2: 447; Kew 3: 448; Langman p. 446; LS suppl. 16151; Moebius p. 146.
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Lindley, John (1799-1865), British botanist; Dr. phil. München 1832; professor of botany at University College London 1829-1860. (*Lindl.*).

HERBARIUM and TYPES: General herbarium (58.000 sheets) at CGE; types mainly in his own herbarium, but some also at BM and K. The general herbarium (CGE) contains many types of other botanists (J. G. Agardh: *Lupinus*, C. G. Nees *Cyperaceae*). *Orchid* herbarium (incl. types and drawings) at K (reproduced on IDC microfiche 7395). Many letters at K; others at G and HU. Letters to Miquel at U.

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(4). *Flora graeca,* see J. Sibthorp.
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(7). *Pomological Magazine,* editor vols. 1-3, 1828-1839.
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EPONYMY: *Lindleya* C. G. D. Nees (1821, *nom. rej.*); *Lindleya* Humboldt, Bonpland & Kunth (1824, *nom. cons.*); *Lindleyara* Garay & Sweet (1966); *Lindleycladus* T. Harris (1979); *Lindleyella* Rydberg (1908); *Lindleyella* Schlechter (1914); *Neolindleya* Kraenzlin (1899); *Neolindleyella* Fedde (1940). – The library of The Royal Horticultural Society, in London, is named *The Lindley library* (Catalogue: London, R.H.S., 1927, viii, 458 p.). For a history of the Lindley library see Stageman, J. Roy. Hort. Soc. 93: 509-515. 1968.

4635. *Observations on the structure of fruits and seeds*; translated from the Analyse du fruit of M. Louis-Claude Richard, ... comprising the author's latest corrections; and illustrated with plates and original notes by John Lindley. London (John Harding, ...), Norwich (Wilkin and Youngman). 1819. Oct. (*Obs. struct. fruits.*).
Original author: Louis Claude Marie Richard (1754-1821).
Publ.: 1819, p. [i]-xix, [xx], [1]-99, [100], *pl. 1-6* (uncol., by Lindley). *Copy*: NY.

4636. *Rosarum monographia*; or, a botanical history of roses. To which is added, an appendix, for the use of cultivators, in which the most remarkable garden varieties are systematically arranged. With nineteen plates ... London (printed for James Ridgway, ...) 1820. Oct. (in fours). (*Ros. monogr.*).
Publ.: 1820 (p. xi: 31 Mar 1820; Flora 28 Jan 1821 "soeben"), p. [i]-xxxix, [1]-156, *pl. 1-18* (hand-col. copp.), *pl. 19* (uncol.) by J. Lindley and J. Curtis (*pl. 9*). *Copies*: BR, FI, G, L(pl. uncol.), MO, NY. – Dedicated to Charles Lyell (1767-1849) student of roses, father of the geologist.
Ed. 2: 1830, p. [i]-xxxix, [1]-156, *pl. 1-19* (id.). *Copy*: USDA. – "Rosarum ... a new edition." London (James Ridgway, ...) 1830. Oct. (in fours). Further details DU 183. – New titlepage only.
French ed.: 1824, p. [i*-iii*], [i]-viii, [1]-182. *Copy*: NY. – "Monographie du genre Rosier, traduite de l'Anglais ... avec des notes de ... L. Joffrin ... suivie d'un appendice sur les roses cultivées dans les jardins de Paris et environs. Par M. de Pronville, ..." Paris (Audot, ...) 1824. Oct.
Ref.: GF p. 65; Sotheby 456 (anal. collation).
Junk, W., Rara 1: 18. 1900-1913.
Stearn, W. T., Roy. Hort. Soc., Exhib. mss. books 40-41. 1954.

4637. *Collectanea botanica*; or, figures and botanical illustrations of rare and curious exotic

plants ... London (printed by Richard and Arthur Taylor, ...) 1821. Fol. (*Coll. bot.*).
Publ.: In eight parts, 1821, p. [i, iii, v], *plates 1-41, A-B* with text, [1-4, appendix]. *Copies*: G, HH, NY; IDC 816.

part	plates	dates	part	plates	dates
1	*1-5*	1 Apr 1821 (dated)	6	*26-31*	31 Oct 1821 (dated)
2	*6-10*	1 Apr 1921 (dated)			(+ preface)
3	*11-15*	1 Mai 1821 (dated)	7	*32-36*	1821?
4	*16-20*	21 Oct 1821	8	*37-41, A-B* app. Orch. scel.	Jan 1826
5	*21-25*	1821			

The evidence for the publication of fasc. 8 is still incomplete. The plates are mentioned in Flora 7: 727 (14 Dec 1824), as to be published shortly, the watermark of *pl. 41* is of 1825; D. Don's Prodr. Fl. Nepal. (1 Feb 1825) is cited on *pl. 14A*. Fasc. 8 also contains the Appendix "Orchidearum sceletos" (see below). The date of this fascicle is most likely Jan 1826 (fide L. E. Garay): Lindley cites it as "ined." on 1 Dec 1825 in Bot. Reg. 11. sub *pl. 395*, but as published in Bot. Reg. 11: *pl. 953*. Feb 1826. In 1833 Lindley dated *Sarcanthus* (*pl. 39B*) as of 1826 (Gen. Sp. Orch. Pl. p. 233). Further research is still necessary; it is also not absolutely certain that the plates were issued in numerical order as listed above. The 41 copper engravings (40 coloured) are of drawings by Ferdinand Bauer, J. Curtis, M. Hart, William Hooker, W. J. Hooker, Barbara Laurence and J. Lindley; 29 originals at BM.
Ref.: DU 181; GF p. 65; RS p. 113; SK 4: cxcvii.
Kuntze, O., Rev. gen. 1: cxxxlii. 1891.
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4638. *Digitalium monographia*; sistens historiam botanicam generis, tabulis omnium specierum hactenus cognitarum illustratam, ut plurimum confectis ad icones Ferdinandi Bauer penes Gulielmum Cattley, Arm. ... Cura Johannis Lindley, ... Londini (typis Ricardi et Arthuri Taylor: prostant venales apud J. H. Bohte, ...) 1821. Fol. (*Digital. monogr.*).
Publ.: Mai-Dec 1821 (p. ii: calend. Apr 1821, Flora 14 Jan 1822), front. *pl. 1*, p. [i*, iii*], [i]-ii, [1]-27, [1, ind.], *pl. 1-28*. *Copies*: FI-BN, G, USDA. – Plates *1, 3, 8, 24, 27* are uncol., the others hand-col. copp. engr. by Ferdinand Bauer (22), Francis Bauer (1) and J. Lindley (5). – Several plates have watermarks which are later than the date of publ. Orig. drawings at RHS.
Ref.: Stearn, W. T., Roy. Hort. Soc. Exhib. mss. Books 41. 1954.

4639. *Report upon the new or rare plants* which have flowered in the garden of the Horticultural Society at Chiswick, from its first formation to March 1824 ... London (printed by William Nicol, ...) 1825. Qu. (*Rep. new pl.*).
Publ.: 1825, p. [1]-41, 1 col. lith. *Copies*: FI, G. Reprinted from Trans. Hort. Soc.

4640. *Orchidearum sceletos*. Commisit Johannes Lindley. Londini (typos Ricardi Taylor) 1826. Oct. (*Orchid. scelet.*).
Publ.: Jan 1826 (see above under Collectanea botanica), p. [3]-27. *Copies*: G(2), NY, WU; IDC 5027. – Text identical with Appendix of Collect. Bot. (see above); p. 23, 25, 27 contain diagnostic details (p. 21, explicatio); – Lindley gave a copy to the British Museum on 19 Aug 1827. A verbatim reprint appeared in Linnaea 2: 527-532 (1827).

4641. *A synopsis of the British flora*; arranged according to the natural orders: containing vasculares, or flowering plants ... London (printed for Longman, Rees, Orme, Brown, and Green, ...) 1829. Duod. (*Syn. Brit. fl.*).
Ed. 1: Feb 1829 (TL-1), p. [i]-xii, [1]-360, [1, err.]. *Copies*: G, MO, NY, USDA.
Ed. 2: Aug-Dec 1835 (p. viii: 30 Jul 1835), p. [i]-viii, [1]-376. *Copies*: G, MO, NY. – "The second edition, with numerous additions, corrections, and improvements." London (id.) 1835. Duod.
Ed. 3: Mai-Dec 1841 (p. viii: Apr 1841), p. [i]-viii, [1]-382. *Copies*: MICH, NY, MO. – "The third edition, with numerous additions, corrections, and improvements." London (Longman, Orme, Brown, Green, and Longmans, ...) 1841. Duod.

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4642. *An outline of the first principles of botany* ... London (published by Longman and Co., ...) 1830. 18-mo (*Outl. princ. bot.*).
Ed. 1: 1 Mar 1830 (date on which Lindley signed the copy (MO) for Mrs. Lindley; copy Geol. Soc. pres. 6 Jun 1830), p. [i]-viii, [1, cont.], [1]-106, *pl. 1-4* (uncol. liths. auct.). *Copies*: G, MO.
Ed. 2: 1831, n.v., fide BM 2: 1129 "A second edition appeared in 1831." – The text was subsequently combined with the *Nixus plantarum* and issued as "*A key to structural* ... *Botany*" (1835) and then as "*Elements of botany* ... " from 1841 onward.

4643. *The genera and species of orchidaceous plants* ... London (Ridgways, Piccadilly) April 1830 to October 1840. Oct. (in fours). (*Gen. sp. orchid. pl.*).
Publ.: in seven parts, as below. *Copies*: FI, G, MICH, MD, NY, USDA; IDC 5297. – The first four parts are entitled "The genera and species of orchideous plants." Each signature (of 8 pages) was dated at the bottom of the first page, and possibly distributed separately in advance of the part. Since contemporary reviews do not contradict this assumption, these dates of the signatures may be taken as the actual dates of publication. The signatures are dated as follows:

pages	dates	pages	dates	pages	dates
1-40	Apr 1830	207-214	Apr 1833	381-388	Jan 1840
41-80	Mai 1830	215-256	Mai 1833	389-412	Feb 1840
81-94	Jun 1830	257-264	Aug 1835	413-428	Mar 1840
95-110	Jul 1831	265-296	Sep 1835	429-440	Apr 1840
111-133	Aug 1831	297-334	Oct 1835	441-528	Sep 1840
134-158	Dec 1832	335-350	Nov 1838	529-553	Oct 1840
159-190	Jan 1833	351-366	Dec 1838	[i]-xvii	Oct 1840
191-206	Mar 1833	367-380	Jan 1839		

1: [i, t.p. part 1], [iii], [v], [1]-94, [1, ind.], rd by Linnean Soc. 29 Feb 1831, t.p. 1830.
2: [i, id. part 2], [iii, dated 22 Aug 1831], [95]-133, [1, ind.], rd by Linn. Soc. 10 Oct 1831; t.p. 1831.
3: [i*], [iii*], [i]-ix, index, [135]-255, id. 10 Jul 1833; t.p. 1833.
4: [i], [257]-334, t.p. 1835.
5: [i], 335-379, t.p. 1839.
6: [i], [381]-440, t.p. 1840.
7: [i], [441]-553, t.p. 1840.

Preface material: [i]-xvii, publ. Oct 1840.
Facsimile ed.: Amsterdam (A. Asher & Co.) 1963, p. [i]-xvii, [1]-553. *Copies*: FAS, MICH, MO, NY, US. This edition lacks the t.p's etc. for the seven parts.
Ref.: RS p. 114; SK 4: cxcvii.
Barnhart, J. H., unpublished notes at the NYBG.
Sherborn, C. D., J. Soc. Bibl. nat. Hist. 1: 198. 1939.
Duveen, H. I., Amer. Orchid. Soc. Bull. 41(12): 1090-1092. 1972.

4644. *An introduction to the natural system of botany*: or, a systematic view of the organisation, natural affinities, and geographical distribution, of the whole vegetable kingdom; together with the uses of the most important species in medicine, the arts, and rural or domestic economy ... London (Longman, Rees, Orme, Brown, and Green ...) 1830. Oct. (*Intr. nat. syst. bot.*).
Ed. 1: Sep 1830 (see TL 1), p. [i]-xlviii, [1]-374, [1, err.]. *Copies*: FI, G, L, MICH, MO(2), NY, US, USDA. – Autograph draft at BM.
First American ed.: Dec 1831 (p. iv: 4 Nov 1831; Amer. J. Sci. Jan 1832), p. [i]-lxxix, [1]-393, *2 pl. Copies*: MO, NY, USDA. – "First American edition, with an appendix by John Torrey, M.D. ..." New York (G. & C. Carvill, ...) 1831. Oct. (in fours). *Editor* and author of appendix: John Torrey (1796-1873). Collaborators for the Appendix (a

catalogue of North American genera of plants, replacing Correa's *Reduct. gen. cat. pl. Amer.* 1815 (no. 1239)) were Abraham Halsey (1970-1857) and Lewis David von Schweinitz (1780-1834) for the fungi.

"Great as the merits of the work undoubtedly are, we must nevertheless be excused from adopting the terms of extravagant and somewhat equivocal eulogy employed by a popular author, who gravely informs his readers that no book, since printed bibles were first sold in Paris by Dr. Faustus, ever excited so much surprise and wonder as did Dr. Torrey's edition of Lindley's Introduction of the Natural System of Botany. Now we can hardly believe that either the author or American editor, of the work referred to, were ever in danger, as was honest Dr. Faustus, of being burned for witchcraft; . . ." (Asa Gray, 1837, in rev. of ed. 2).

"*Ed. 2. 1835*" PR mentions a second edition of *An introduction to the natural system of botany* under his 5348. This does not exist; the pagination formula and the number of plates cited by him agree fully with the second edition of Lindley's "*An introduction to botany* . . ." 1835 (see below). The actual second edition of the present work, of 1836, and entitled "*A natural system of botany* . . ." was treated by PR as a separate title under his no. 5357. The 1835 ghost edition is also mentioned in Cat. libr. R.G.B. Kew 364 (1899); see also the note in TL 1/693.

Ed. 2: probably Jul 1836 (TL 1), p. [i]-xxvi, [1]-526. *Copies*: BR, FI, G, L, MO, NY, U, US, USDA. *Title*: "*A natural system of botany*; or, a systematic view of the organisation, natural affinities, and geographical distribution, of the whole vegetable kingdom; together with the uses of the most important species in medicine, the arts and rural or domestic economy . . . Second edition, with numerous additions and corrections, and a complete list of genera, with their synonyms." London (Longman, Rees, Orme, Brown, Green, and Longman) 1836. Oct.

"*Ed. 3. 1839*" Pritzel (5348) also mentions a third edition of the present work, dated 1839, without providing pagination. This is almost certainly identical with ed. 3, 1839, of Lindley's "*An introduction to botany*."

German transl. by J. B. Wilbrand: 1833, p. [i]-viii, [1]-524. *Copies*: B, M, NY. – *Title*: "*Einleitung in das natürliche System der Botanik* oder systematische Uebersicht der Organisation, natürlichen Verwandtschaften und geographischen Verbreitung des ganzen Pflanzenreichs, nebst Angabe des Nutzens der wichtigsten Arten in der Heilkunde den Künsten und der Haus- und Feldwirthschaft . . . Weimar" (im Verlage des Landes-Industrie-Comptoirs) 1833. Oct.

German extract by C. T. Beilschmied: 1833, p. [i-ii]. [1]-64. *Copy*: MO. – *Title*: John Lindley's . . . *Characteres distinctivi* oder Hauptkennzeichen der natürlichen Pflanzenfamilien. Aus Lindley's Introduction to the natural system of botany, Lond. 1830.; geordnet nach der von Kunth in seinem Handb. der Botanik, Berl. 1831, gewählten Folge, aus dem Englischen übersetzt von C. T. Beilschmied." Regensburg, 1833. Oct. Originally published in Lit. Ber. Flora 4: 33-48, 49-64, 65-80, 81-85. Mar-Mai 1834. A *Clavis analytica ordinum*, also translated by Beilschmied from the *Intr.* 1830 appeared in Flora 1832(2), Beibl. [1]-32.

4645. *The fossil flora of Great Britain*: or, figures and descriptions of the vegetable remains found in a fossil state in this country . . . London (James Ridgway, . . .) 1831-1837, 3 vols. Oct. (*Foss. fl. Gr. Brit.*).

Co-author: William Hutton (1797-1860).

Publ.: In parts, the contents and precise dates are still unknown. The plates (uncol. liths.) are dated; these dates can be accepted as dates of publication. *Copies*: FI-BN, MO, NY, U, USGS.

1: [i]-li, list subscr. [i]-x, [1]-218, [1-5, index], *pl. 1-19, 19bis, 20-79* (*1*: 1 Jul 1831; *79*: Apr 1833) (p. 1-48, *1-14*. 1831; 49-166, *15-49*. 1832; 167-218, *50-79*. 1833).

2: [i]-xxviii, [1]-208, *pl. 80-156* (*80*: Jul 1833; *156*: Apr 1835) (1-54, *80-99*. 1833; 57-156, *100-137*. 1834; *138-208*. 1835).

3: [i], [1]-[205], [1-2, index], *pl. 157-230* (*157*: Jul 1835; *230*: Jul 1837) (1-72, *157-176*. 1835; 73-122, *177-199*. 1836; 123-205, *195-230*. 1837).

Reissue: London "1831-1837" actually 1872 (see BM 3: 1121 and J. Bot. 10: 63. 1872 (ann.), 287. Sep 1872 (vol. 1).

NI cites Arber who called the plates "exceedingly inaccurate" and mentions the issue of a further 64 pl. by G. A. Lebour in 1877.

Ref.: Anon., Lit. Ber. Flora 2: 97-112, 119-128, 137-144. Feb-Mai 1832 (fasc. 1-3), 3: 62-64. 28 Apr 1833, 3: 65-67. 21 Mai 1833 (fasc. 4-5).
Ward, Ann. Rep. U.S. Geol. Surv. 5: 408-410. 1885.

4646. *An introduction to botany* ... with six copper plates and numerous wood-engravings. London (printed for Longman, Rees, Orme, Brown, Green, &Longman, ...) 1832. Oct. (*Intr. Bot.*).
Ed. 1: Oct 1832 (P & W: p. vii: 10 Sep 1832), p. [i]-xvi, [1]-557, *pl. 1-6* (uncol. liths.). *Copies*: G, MO, NY, USDA.
Ed. 2: Aug-Dec 1835 (p. x: 1 Aug 1835), p. [i]-xiv, [1]-580, *pl. 1-6* (id.). *Copies*: BR, NY. – "Second edition, with corrections and numerous additions." London (id.) 1835. Oct.
Ed. 3: Jun-Dec 1839 (p. viii: Mai 1839), p. [i]-xi, [1]-594, *pl. 1-6* (id). *Copies*: B, M, MO, NY, USDA. – "Third edition, with corrections and numerous additions." London (printed for Longman, Orme, Brown, Green, and Longman, ...) 1839. Oct.
Ed. 4: Jul-Dec 1848 (p. x: Jun 1848). In 2 vols. *Copies*: BR, MO, NY, USDA.
1: p. [i]-xii, [1]-406.
2: p. [i]-vii, [1]-427, *pl. 1-6*.
"Fourth edition, with corrections and numerous additions. In two volumes ..." London (Longman, Brown, Green, and Longman, ...) 1848. Oct.
Editions 2 and 3 listed by PR sub no. 5348; see above under *Intr. Nat. Syst.* (TL-2/4644, "Ed. 2. 1835" and "Ed. 3. 1839").

4647. *Nixus plantarum* ... Londini (apud Ridgway et filios) 1833. Oct. (in fours.). (*Nix. pl.*).
Publ.: 17 Sep 1833 (Lindley presented a copy to the Geological Society of London on that date; for further data see TL-*1*), p. [i]-v, [7]-28. *Copies*: FI, G, LINN (IDC 6026): MO, NY, USDA.
German translation: by C. T. Beilschmied with a "Vorerinnerung" by C. G. Nees von Esenbeck, Nürnberg, *publ.* Mar 1834(Regensburg rd. 12 Mar 1834), p. [i]-x, [11]-44. *Copy*: IDC 7104. – "*Nixus plantarum.* Auctore Johanni Lindley, ... Die Stämme des Gewächsreiches. Von John Lindley, ... Verdeutscht durch C. T. Beilschmied. Mit einer Vorerinnerung von Dr. C. G. Nees von Esenbeck." Nürnberg (bei Johann Leonhard Schrag). 1834. Oct.

4648. *Note upon* a handsome and hardy plant, called *Clianthus puniceus* ... London (Printed by W. Nicol, ...) 1834. (*Note Clianthus punic.*).
Publ.: Dec 1834 (t.p. 1834; read 2 Dec 1834), p. [1]-7, *1 pl. Copy*: FI. -Preprinted from Trans. Hort. Soc. London ser. 2. 1: 519-523. 1835.

4649. *A key to structural, physiological and systematic botany,* for the use of classes ... London (printed for Longman, Rees, Orme, Brown, Green & Longman, ...) 1835. Oct. (*Key bot.*)
Publ.: 15-30 Sep 1835 (P&W; p. 4: 15 Sep 1835), p. [1]-80. *Copies*: G, NY. – A new, third, edition of "An outline of the first principles of botany." (see above). An "Appendix containing a catalogue of medicinal plants" with a separate t.p. but paged in continuation, publ. 1839, is mentioned by BM 3: 1120. PR mentions a Hungarian (1836) and a French (1838) translation.

4650. *Victoria regia.* London 1837. Fol. (*Victoria regia*).
Publ.: 16 Oct 1837 (dedication to the queen), 7 p., *1 pl. Copy*: WU (inf. W. Gutermann); IDC 6027. – Privately printed by W. Nicol at the Shakspeare Press, Pall Mall, 25 copies (copy presented to Linnean Society on 7 Nov 1837). The lithographed plate is of a drawing by Schomburgk. Full title on the first page of the text itself: "A notice of Victoria regia, a new nymphaeaceaous plant discovered by Mr. R. H. Schomburgk in British Guayana."

4651. *Sertum orchidaceum* a wreath of the most beautiful orchidaceous flowers; ... London (James Ridgway and Sons, ...) [1837-] 1838 [-1841]. Fol. (*Sert. orchid.*).
Publ.: In 10 parts, see below; col. lith. t.p., p. [i-iii], [1-6, text for lith. t.p.], *pl. 1-49* with 1-2 p. text each, [1, index] (hand-col. liths.). *Copies*: FI, G, MO, NY; IDC 6028. – According to Woodward (BM) publication took place as given below approximately on or about the date (or last date*) given on the plates. Plate 4 carries no date, the plates contained in

parts 6 and 9 carry various dates. The plates are lithographs of drawings mainly by Miss S. A. Drake. The original drawings at K.

part	plates	dates	part	plates	dates
1	*1-5*	1 Sep 1837	6	*26-30**	Dec 1839
2	*6-10*	1 Apr 1838	7	*31-34, frontisp.*	Feb 1840
3	*11-15*	1 Jul 1838	8	*35-39*	Jun 1840
4	*16-20*	1 Sep 1838	9	*40-44**	Mai 1841
5	*21-25*	1 Sep 1838	10	*45-49*	Dec 1841

Facsimile ed., with coloured plates: New York (Johnson reprint corporation), Amsterdam (Theatrum orbis terrarum) 1974, with add. [1*-ii*] repr. t.p. and imprint. *Copies*: MICH US.

4652. *Flora medica*; a botanical account of all the more important plants used in medicine, in different parts of the world . . . London (printed for Longman, Orme, Brown, Green, and Longmans, . . .) 1838. Oct. (*Fl. med.*).
Publ.: Jul-Dec 1838 (p. xiii: 14 Jun 1838), p. [i]-xiii, [1, abbr.], [1]-656. *Copies*: MICH, MO, NY, USDA.

4653. Appendix to the first twenty-three volumes of Edwards's Botanical Register: consisting of a complete alphabetical and systematical index of names, synonymes, and matter, adjusted to the present state of systematical botany; together with *A sketch of the vegetation of the Swan river colony*. With nine coloured plates, containing eighteen coloured figures of plants, and with four woodcuts. By John Lindley, . . . London (James Ridgway, . . .) 1839 [-1840]. Qu. (*Sketch veg. Swan R.*).
Publ.: in three parts, as below; p. [i]-iv, *Sketch*: [i]-lviii, [1, expl. pl.], *Index*: [i]-lxiv, *pl. 1-9* (col.).

part	sketch	plates	Index pages	dates
1	[i]-xvi	*1-4*	[i]-xxxii	1 Nov 1839
2	xvii-xxxii	*5-7*	xxxiii-xlviii	1 Dec 1839
3	xxxiii-lviii, [i]	*8-9*	xlix-lxiv	1 Jan 1840

Copies: G, NY, Teyler; IDC 6029 – *Collections*: by James Drummond (1784-1863).
Ref.: Diels, L., Pflanzenw. W.-Austral. 53, 71. 1906 (Veg. Erde vol. 7).
Stearn, W. T., J. Soc. Bibl. nat. Hist. 2: 381-382. 1952.

4654. *Elements of botany*, structural, physiological, systematical, and medical; being a fourth edition of the Outline of the first principles of botany . . . London (printed for Taylor and Walton, . . .) 1841. Oct. (*Elem. bot.*)
Orig. (*Outline* ed. 4): 1841 (p. iv: Apr 1841), p. [i]-iv, [1]-292. *Copies*: FAS, L, NY.
Ed. "*5*" (*Outline* ed. 5): 1847, p. [i]-xii, [1]-142, [i]-c. *Copy*: HH. – "The elements of botany, . . ." London (Bradbury & Evans, . . .) 1847. Oct.
Ed. "*6*" (*Outline* ed. 6): 1849 (p. vii: Jan 1849), p. [i]-xii, [1]-142, [1, h.t.], [i]-c. *Copies*: B. MICH. – "The elements . . . being a sixth edition . . . with a sketch of the artificial methods of classification, and a glossary of technical terms . . . A new edition, with some corrections." London (Bradbury & Evans, . . .) 1849. Oct.
New edition: 1861 (p. vii: Feb 1861), p. [i]-xii, [1]-142, [i, h.t.], [i]-c. *Copy*: USDA. – "The elements of botany, structural and physiological; with a sketch . . . terms. A new edition." London (Bradbury & Evans, . . .) 1861. Oct.
Translations (n.v.): German (Weimar 1831), French (Paris 1832), Italian (Monza 1834), Portuguese (Rio de Janeiro 1840), Russian (Moskwa 1839) (fide PR); Swedish (Stockholm 1832, 1842, see KR).

4655. *The vegetable kingdom*; or, the structure, classification, and uses of plants, illustrated upon the natural system . . . with upwards of five hundred illustrations. London (published for the author, by Bradbury & Evans, . . .) 1846. Oct. (*Veg. kingd.*).

Ed. 1: Jan-Mai 1846, p. [i], [frontisp. = p. ii], p. [iii]-lxviii, [1]-908, *text figs. 1-526. Copies*: G. MICH, NY,U, USDA.
Ed. 2: London (id.), *publ.*: Jan-Feb 1847, p. [i], frontisp., [iii, t.p.], [vi]-lxviii, [1]-911, *Text figs. 1-526. Copies*: FI, G, NY.
Ed. 3: London (id.), *publ.*: Aug 1853 (contemp. notes), frontisp. = p. [iv], [i]-lxviii, [1]-908 and extra pages 11a-b, 22a-b, 28a-b, 44a-d, 50a-d, 53a-d, 67a-b, 70a-b, 73a-b, 76a-d, 116a-b, 183a-d, 229a-b, 271a-b, 309a-b, 355a-b, 444a-b, 447a-b, 460a-b, 467a-b, 556a-b, 593a-b, 622a-b, 715a-b, 733a-b, 765a-b, 791a-d, 905a-i, 906*, *text figs. 1-526. Copies*: G, MO, NY, U(2), US(2), USDA.

4656. *Orchidaceae lindenianae*; or, notes upon a collection of orchids formed in Colombia and Cuba, by Mr. J. Linden. By John Lindley, ... London (Bradbury and Evans, ...) 1846. Oct. (in fours). (*Orchid. linden.*).
Collector: Jean Jules Linden (1817-1898).
Publ.: Nov-Dec 1846 (p. viii: 1 Nov 1846), p. [i]-viii, [1]-28. *Copies*: BR, LC, NY; IDC 6159.

4657. *Medical and oeconomical botany* ... London (Bradbury & Evans, ...) 1849. Oct. (*Med. oecon. bot.*).
Publ.: 1849, p. [i]-iv, [1]-274, *figs. 1-363. Copy*: USDA. PR mentions a "new edition."

4658. *Folia orchidacea.* An enumeration of the known species of orchids ... Vol. 1, London (published for the author, by J. Matthews, ...) 1852-1855 [-1859] Oct. (*Fol. orchid.*).
Publ.: Issued in nine parts, separately paged per genus. The "contents" list the genera treated with the date on which each was "printed". These latter dates are probably not the dates of distribution: as dates of publication it is best to accept the dates printed on the original wrappers of the parts (reproduced in the 1964 facsimile edition). These dates are given below; the dates of receipt at the British Museum are cited in brackets.

1	Stanhopea, Coryanthes, Ionopsis Quekettia, Zygostates Odontoglossum, Didactyle	[48 p.] Oct 1952 [6 Nov]
2	Sarcopodium, Sunipia Achrochaene, Ione Erycina, Epidendrum p. 1-32	[48 p.] Jan 1853 [26 Jan]
3	Epidendrum, p. 33-80	[48 p.] Feb 1853 [26 Feb]
4	Epidendrum p. 81-97, Hemiscleria, Pinelia, Acacallis, Abola, Oncodia, Cochlioda, Cheiradenia, Acampe, Vanda, Luisa	[52 p.] Apr 1853 [2 Mai]
5	Miltonia, Brassia, Ada, Polychilos, Corymbis, Sobralia, Coelogyne, Panisea	[46 p.] Feb 1854 [13 Feb]
6, 7	Calanthe, Oncidium, Lunatodis, Geodorum Title-page and contents of vol. 1	Nov 1855 [6 Nov] [i]-iv, [80 p.]
8	Stelis, Oberonia, Alvisia Restrepia, Brachionidium, Pleurothallis p. 1-6; Prillieux, *Observations.*	[48 p.] Feb 1859 [14 Mar]
9	Pleurothallis, concluded [40 p.] Mai 1859 [31 Mai]	

Copies: FI, G, MICH, NY, USDA: IDC 6031.
Facsimile ed.: Amsterdam (A. Asher & Co.) 1964, ISBN 90-6123-088-8, facsimile, followed by reprints of the covers. *Copies*: FAS, MO, NY, US.
Ref.: [Seemann], Bonplandia 3: 253-257. 15 Sep 1855 (extensive review of parts 1-5).
Anon.,Bull. Soc. bot. France 1: 405-406. 1855 (id.), 3: 71-72. 1856 (6, 7).
Duveen, H. I., Amer. Orchid. Soc. Bull. 41(12): 1090-1092. 1972.
Hooker, W. J., J. Bot. Kew Gard. misc. 5: 30-31, 96, 128; 6: 31-32, 96; 7: 320, 382-384.

4659. *Paxton's flower garden.* By Professor Lindley and Sir Joseph Paxton ... London [1850-] 1853, 3 vols. Qu. † (*Paxt. fl. gard.*).
Co-author: Joseph Paxton (1803-1865).
Publ.: Ten volumes were planned. Publication was in monthly fascicles, 12 of which made a

volume. Each fascicle contains 3 coloured plates with text and "Gleanings and original memoranda" (descriptions and drawings). A new edition, revised by T. Barrier was published in London, 1882-1884, 3 volumes. Qu. (see separate entry, below). The original edition has 108 hand-coloured lithographed plates by L. Constans and 314 uncoloured engraved text figures. The dates of publication given below were established by Garay (1969). For the revised edition, 1882-1884, ed. Th. Baines, see under Paxton (1853).

1: [i]-iv, [i]-194, *pl. 1-36*;
2: [i], [1]-186, *pl. 37-72*;
3: [i], [1]-187, *pl. 73-108*.
Copies: NY (t.p.'s all dated 1853), USDA (t.p.'s dated "1850-1," "1851-2," and "1852-3."

vol.	fasc.	pp.	*plates*	date
1	1	1-16	*1-3*	Mar 1850
	2	17-32	*4-6*	Apr 1850
	3	33-48	*7-9*	Mai 1850
	4	49-64	*10-12*	Jun 1850
	5	65-80	*13-15*	Jul 1850
	6	81-96	*16-18*	Aug 1850
	7	97-112	*19-21*	Sep 1850
	8	113-128	*22-24*	Oct 1850
	9	129-144	*25-27*	Nov 1850
	10	145-160	*28-30*	Dec 1850
	11	161-176	*31-33*	Jan 1851
	12	177-194	*34-36*	Feb 1851
2	13	1-14	*37-39*	Mar 1851
	14	15-30	*40-42*	Apr 1851
	15	31-46	*43-45*	Mai 1851
	16	47-60	*46-48*	Jun 1851
	17	61-74	*49-51*	Jul 1851
	18	75-88	*52-54*	Aug 1851
	19	89-104	*55-57*	Sep 1851
	20	105-120	*58-60*	Oct 1851
	21	121-136	*61-63*	Nov 1851
	22	137-152	*64-66*	Dec 1851
	23	153-168	*67-69*	Jan 1852
	24	169-186	*70-72*	Feb 1852
3	25	1-16	*73-75*	Mar 1852
	26	17-30	*76-78*	Apr 1852
	27	31-46	*79-81*	Mai 1852
	28	47-62	*82-84*	Jun 1852
	29	63-78	*85-87*	Jul 1852
	30	79-92	*88-90*	Aug 1852
	31	93-106	*91-93*	Sep 1852
	32	107-120	*94-96*	Oct 1852
	33	121-134	*97-99*	Nov 1852
	34	135-150	*100-102*	Dec 1852
	35	151-164	*103-105*	Jan 1853
	36	165-178	*106-108*	Feb 1853

Ref.: Garay, L., Taxon 18: 711-712. 1969.

4660. *The treasury of botany*; a popular dictionary of the vegetable kingdom; to which is incorporated a glossary of botanical terms. Edited by John Lindley, . . . and Thomas Moore, . . . assisted by numerous contributors . . . London (Longmans, Green, and Co., . . .) 1866, 2 parts. Oct. (*Treas. bot.*).
Co-author: Thomas Moore (1821-1887).

Ed. 1: 1866 (p. vii): Dec 1865). *Copies*: NY, US.
1: [i-ii], *pl. 1*, [iii]-xx, [1]-592, *pl. 15, 3, 11, 4, 2, 17, 12, 6, 8, 9, 20.*
2: [i-iii], 593-1254, *pl. 18, 13, 14, 19, 10, 7, 16, 5.*
New ed.: 1870, London (id.) 1870. Oct. *Copies*: FI, MO, NY.
1: [i-ii], *pl. 1*, [iii]-xx, [1]-592, *pl.* as in ed. 1.
2: [i-iii], 593-1254, *pl.* as in ed. 1.
New and revised ed.: 1874 (p. vii: Nov 1873, repr. in 1876 ed.). *Copy*: NY. – "New and revised edition, with supplement". London (id.) 1874. Oct.
1: [i-ii], *pl. 1*, [iii]-xx, [1]-652, *pl.* as in ed. 1.
2: [i-iii], [653]-1352, *pl.* as in ed. 1.
New and revised ed.: 1876, in two parts, *Copies*: MO, NY, US.
1: [i-ii], *pl. 1*, [iii]-xx, [1]-652, *pl. 15, 3, 11, 4, 2, 17, 12, 6, 8, 9, 20, 18.*
2: [i-iii], [653]-1352, *pl. 13, 14, 19, 18, 7, 16, 5* (order varies).
New and revised ed., with supplement: 1884, 2 parts. *Copy*: L.
1 (A-K): [i-ii], *pl. 1.* [iii]-xx, [1]-652, *pl.* as in 1876 ed.
2 (L-Z, suppl.): [i-iii], [653]-1352, *pl. id.*
New impression: 1899, in two parts. *Copy*: NY. – "New impression . . ." London, New York and Bombay (Longmans, Green, and Co., . . .) Oct. *Collation*: identical with 1874 and 1876 editions.

4661. *Paxton's Flower Garden.* By Professor Lindley and Sir Joseph Paxton. *Revised* by Thomas Baines, . . . London, Paris and New York (Cassells Petter, Galpin & Co.) [1880-] 1882-1884 [-1885], 3 vols. Qu. (*Paxton's fl. gard., revis.*).
Original co-author: Joseph Paxton (1802-1865).
Editor: Thomas Baines (1822-1875).
Publ.: The revised edition was published in monthly fascicles, each containing two chromolithographed plates as well as the Gleanings and original memoranda. The dates are those established by Garay (1969).
1: p. [i]-iv, [1]-195, *text figs. 1-111, pl. 1-36. Copy*: US.
2: p. [i], [1]-183, *text figs. 112-195, pl. 37-72. Copy*: US.
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vol.	fasc.	pp.	*plates*	date
1	1	1-12	*1-2*	Sep 1880
	2	13-24	*3-4*	Oct 1880
	3	25-32	*5-6*	Nov 1880
	4	33-44	*7-8*	Dec 1880
	5	45-56	*9-10*	Jan 1881
	6	57-64	*11-12*	Feb 1881
	7	65-76	*13-14*	Mar 1881
	8	77-88	*15-16*	Apr 1881
	9	89-96	*17-18*	Mai 1881
	10	97-108	*19-20*	Jun 1881
	11	109-120	*21-22*	Jul 1881
	12	121-128	*23-24*	Aug 1881
	13	129-140	*25-26*	Sep 1881
	14	141-144	*27*	Oct 1881
	14a	145-152	*28*	Nov 1881
	15	153-160	*29-30*	Dec 1881
	16	161-172	*31-32*	Jan 1882
	17	173-184	*33-34*	Feb 1882
	18	185-195	*35-36*	Mar 1882
2	19	1-8	*37-38*	Mai 1882
	20	9-16	*39-40*	Jun 1882
	21	17-24	*41-42*	Jul 1882
	22	25-36	*43-44*	Aug 1882
	23	37-48	*45-46*	Sep 1882
	24	49-60	*47-48*	Oct 1882

vol.	fasc.	pp.	*plates*	date
	25	61-72	*49-50*	Nov 1882
	26	73-80	*51-52*	Dec 1882
	27	81-88	*53-54*	Jan 1883
	28	89-100	*55-56*	Feb 1883
	29	101-112	*57-58*	Mar 1883
	30	113-120	*59-60*	Apr 1883
	31	121-132	*61-62*	Mai 1883
	32	133-144	*63-64*	Jun 1883
	33	145-152	*65-66*	Jul 1883
	34	153-164	*67-68*	Aug 1883
	35	165-172	*69-70*	Sep 1883
	36	173-183	*71-72*	Oct 1883
3	37	1-8	*73-74*	Nov 1883
	38	9-20	*75-76*	Dec 1883
	39	21-28	*77-78*	Jan 1884
	40	29-40	*79-80*	Feb 1884
	41	41-48	*81-82*	Mar 1884
	42	49-60	*83-84*	Apr 1884
	43	61-72	*85-86*	May 1884
	44	73-80	*87-88*	Jun 1884
	45	81-92	*89-90*	Jul 1884
	46	93-100	*91-92*	Aug 1884
	47	101-112	*93-94*	Sep 1884
	48	113-120	*95-96*	Oct 1884
	49	121-128	*97-98*	Nov 1884
	50	129-140	*99-100*	Dec 1884
	51	141-152	*101-102*	Jan 1885
	52	153-160	*103-104*	Feb 1885
	53	161-168	*105-106*	Mar 1885
	54	169-179	*107-108*	Apr 1885

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Lindman, Carl Axel Magnus (1856-1928), Swedish botanist and traveller; Dr. phil. Uppsala 1886; teacher at Stockholm 1887-1904; from 1905 at the Natural History Museum at Stockholm; travelled widely in Europe and North Africa; in Brazil 1892-1894. (*Lindm.*).

HERBARIUM and TYPES: S; duplicates in many herbaria.

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EPONYMY: *Lindmania* Mez (1896).

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Publ.: 1887 (read 10 Nov 1886; Nat. Nov. Mar(1) 1888), p. [1]-112, *pl. 1-4. Copy*: U. – Bihang K. Sv. Vet.-Akad. Handl. 12(3) no. 6, 1887.

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Publ.: 1891 (submitted 11 Feb 1891; Bot. Centralbl. 19 Aug 1891), p. [1]-50, *pl. 1-8* (uncol.). *Copies*: L, US. – K. Sv. Vet.-Akad. Handl. 24(8). Only part published. – See also Öfvers. Sv. Vet.-Akad. 47: 531-543. 1890.

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Orig. ed.: Mar-Apr 1900 (p. viii: Mar 1900; Bot. Centralbl. 2 Mai 1900; Bot. Zeit. 1 Jul 1900; Nat. Nov. Jul(2) 1900), p. [i]-x, [1]-239, 2 maps. *Copies*: NY, PH, US. – See KR p. 416 (no. 23) for critical publ. by G. O. A. Malme.
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Lindroth [later: Liro], **Johan Ivar** (1872-1943), Finnish botanist; 1921-1928 at Turku; later director of the phytopathological institute at Helsinki. (*Lindr.*)

HERBARIUM and TYPES: H, further material at HPP. – *Mycotheca fennica,* fasc. 1-18, nos. 1-900, sets at B (extant), BM, C, E, FH, H, HPP, IMI, S, W. – Contributed fasc. 13-15, nos. 301-375, 1900 to Vestergren, T., *Micromycetes rariores.*

NOTE: (1)Many data on Lindroth and his publications were placed at our disposal by P. Isoviita and his colleagues at H.
(2)The names of new species in the *Mycotheca fennica,* fasc. 1-6, were not validly published because they were published in 1935 with German descriptions (ICBN 36.1, see also 31.1). The accompanying "Mycotheca fennica. Die Etiketten" of nos. 1-300 bears the dates of printing (1-100) 20 Dec 1934, and (101-300) 28 Dec 1934 but the back cover of this separate work carries the date 1935. The fascicles 1-3 themselves were presented to the Vanamo Society on 22 Mar 1935. [P. Isoviita].

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4672a. *Uredineae novae* . . . [Stockholm (Segersvens Boktryckeri) 1901] Oct. (*Ured. nov*).
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4673. *Mykologische Mitteilungen* . . . Helsingfors 1901-1904, 15 nos., Oct.
1-14: Dec 1901 (journal), p. [1]-29, *1 pl.* Reprint with special cover from Acta Soc. Fauna Fenn. 20(9), 1901 (with special cover). To be cited from journal.
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4674. *Die Umbelliferen-Uredineen* . . . Helsingfors (Soc. Fauna Fl. fenn.) 1902. Oct. (*Umbell.-Ured.*).
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Lindsay, William Lauder (1829-1880), Scottish lichenologist and physician; MD Edinburgh 1852; at Murray's Royal Asylum, Perth 1854-1879; collected in Iceland and New Zealand. (*Linds.*).

HERBARIUM and TYPES: E; other material at BM, C, CGE, K, W. – Letters at K.

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4681. *A popular history of british lichens*, comprising an account of their structure, reproduction, uses, distribution, and classification ... London (Lovell Reeve, ...) 1856. Oct. (*Pop. hist. brit. lich.*).
Publ.: 1856 (Hooker, J. Bot. Kew Gard. Misc. 8: 256. Aug 1856, Bot. Zeit. 27 Mar 1857), p. [i], *pl. 1*, [iii, t.p.]-xxxii, [1]-352, *pl. 2-22* (handcol. liths. by author). *Copies*: G, MO, NY, Stevenson, US, USDA.

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Lindstedt, Karl (1846-?), German mycologist at Berlin, Dr. phil. Berlin 1872. (*Lindst.*).

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Lingelsheim, Alexander von (1874-1937), German botanist; Dr. phil. Rostock 1906; at the Botanical Museum and Garden, Breslau, 1904-1929; pharmacist 1929-1937; lecturer in pharmacognosy 1926, professor 1932-1937. (*Lingelsh.*).

HERBARIUM and TYPES: WRSL. – Cecidia also at PAD.

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Linhart, György (Georg) (1844-1925), Hungarian mycologist. (*Linh.*)

HERBARIUM and TYPES: Unknown. Exsiccatae: *Fungi hungarici,* cent. 1-5, nos. 1-500, Magyar Ovár (Ung. Altenburg), 1882-1886, sets at B, BM, C, DAO, FH, FI, HPP, L, M, NY, PAV, S, W.

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Link, Johann Heinrich Friedrich (1767-1851), German nature philosopher and botanist; Dr. med. Göttingen 1789; at Rostock 1792; director botanical garden Breslau 1811-1815; professor of botany at Berlin 1815-1851; successor to Willdenow. (*Link*).

HERBARIUM and TYPES: Link's personal herbarium was acquired by Berlin-Dahlem (B) after his death (now for the greater part destroyed, but e.g. Pteridophyta preserved). Link was the actual founder of this herbarium. Practically all Link's types are (or were) at B. Link's library was sold by auction. – Link material is found at BR, C, FI, H, LIV, P, PH, W.

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448; Jackson p. 573; Kew 3: 454-455; KR p. 421; Krempelh. 2: 164-169; Langman p. 448-449; Lasègue p. 574; LS 15652-15668, 36097; Moebius p. 153, 453; MW p. 277; NI 1209-1214; PR 5377-5401 (cd. 1: 5952-5977); Ratzeburg p. 314-317; Rehder 5: 514-515; Saccardo 1: 96, 2: 63; SBC p. 126 ("Link"); SK 4: cxcviii; SO 512, 529, 785b; Stevenson p. 1249; TL-1: 153, 520, 704-713, 731, 1422; TL-2/451, 812, 863, 1454, 1456, 2911- 2912, 3826, 4010, see index; Urban-Berl. p. 266, 271, 278, 306, 370; Zander ed. 10, p. 686, ed. 11, p. 782; Zep-Tim p. 77 (b. 2 Feb 1767).

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EPONYMY: *Linkia* Cavanilles (1798); *Linkia* Persoon (1805); *Linkiella* H. Sydow (1921). See ING 2: 989.

4688. *Florae goettingensis specimen* sistens vegetabilia saxo calcareo propria. Dissertatio inauguralis botanica quam consentiente illustri medicorum ordine in Academia Georgia augusta pro obtinendo gradu doctoris medicinae die xxvi. augusti mdcclxxxix publico examini submittit Henricus Fridericus Link Hildesiensis. [Goettingen] (typis H. M. Grape, typogr. acad.) [1789]. Oct. (*Fl. goett. spec.*).
Publ.: 26 Aug 1789 (t.p.), p. [i-iv], [1]-43. *Copies*: FI, G, NY; IDC 6032.
Reprint: in Usteri, Delect. opusc. bot. 1: 299-336; *suppl.* in Usteri, Ann. Bot. 14: 1-17. 1795; see also Link, Ann. Naturgesch. 1: 27-38. 1791.

4689. *Annalen der Naturgeschichte* ... Erstes Stück. Göttingen (bey Johann Christian Dieterich) 1791. Oct.†. (*Ann. Naturgesch.*).
Publ.: 1791, p. [i*-ii*], [i]-iv, [1]-126. *Copy*: USDA. – Text entirely by Link.

4690. *Beyträge zur Naturgeschichte*... Rostock und Leipzig (in Karl Christoph Stillers Buchhandlung) 1794-1801, 2 vols. Oct. (*Beytr. Naturgesch.*).
Erster Band: in three parts, 1794-1797, t.p. 1797. *Copy*: US.
Erstes Stück: Jan-Feb 1794 (GGA 10 Feb 1794), p. [ii-viii], [1]-122, [1, err.]. Alt. t.p. [ii]: "*Ueber die Leiter der Natur,* das natürliche und künstliche System."
Zweytes Stück: 1795, p. [ii-iii], [1]-126, [1, cont.]. Alt. t.p. [ii]: "*Ueber die Lebenskräfte* in naturhistorischer Rücksicht und die Classification der Säugthiere."
Drittes Stück: 1797, p. [i*-iii*], [i]-viii, [1]-136. Alt. t.p.: "*Beyträge zur Philosophie der Naturgeschichte.*"
Zweiter Theil: 1801, p. [ii-iii], [1]-235. *Copy*: US. Alt. t.p. [ii]: "*Geologische und mineralogische Bemerkungen* auf einer Reise durch das südwestliche Europa, besonders Portugal." – English translation: see TL-2/3826 (Koenig).

4691. *Dissertationes botanicae* quibus accedunt primitiae horti botanici et florae rostochiensis ... Suerin [Schwerin] (apud Guilielmum Baerensprung, ...) 1795. Qu. (*Diss. bot.*)
Publ.: 1795 (t.p.; p. vi: 12 Jul 1794), p. [i]-vi, [1]-81. *Copy*: G.

4692. *Philosophiae botanicae novae* seu institutionum phytographicarum prodromus ... Gottingae [Göttingen] (typis Io. Christ. Dieterich.) 1798. Oct. (*Philos. bot. nov.*).
Publ.: 1798 (p. 4: 1 Aug 1797), p. [1]-192. *Copies*: G, NY, USDA.

4693 Heinrich Friedrich Link's ..., *Kritische Bemerkungen und Zusätze zu Kurt Sprengel's Werk* über den Bau und die Natur der Gewächse ... Halle (bei Carl August Kümmel) 1812. Oct. (*Krit. Bemerk. Spreng.*).
Publ.: 1812, p. [i], [1]-59, *pl. 1-14* (partly handcol. engr. by W. Sprengel). *Copies*: M, NY: IDC 5479; – Refers to Kurt Sprengel, von dem Bau und der Natur der Gewächse, Halle (bey K. M. Kümmel.) 1812. Oct., q.v.

4694. *Icones plantarum selectarum* horti regii botanici berolinensis cum descriptionibus et colendi ratione auctoribus H. F. Link directore et F. Otto inspectore horti ... Berolini [Berlin, author; on covers: Gedruckt in der Deckerschen Geh. Ober-Hofbuchdruckerei] 1820-1828, 10 parts. Qu. (*Icon. pl. select.*).
Co-author: Christoph Friedrich Otto (1783-1856).
Publ.: In ten parts. Alternative title: "*Abbildungen auserlesener Gewächse* des königlichen botanischen Gartens zu Berlin nebst Beschreibungen und Anleitung sie zu ziehen." This German title was also used on the original covers. General t.p.'s (German and Latin) were issued with part 10; they are dated "Berlin, 1828." Such a set of t.p.'s was also issued for part 1, ("Fasciculus primus," "Erstes Heft") dated Berlin 1820, but not for the other Hefte. This double set of t.p.'s was not always kept in binding; furthermore they may have been bound facing each other (ii-iii) or following each other [i,iii]. The ideal pagination formula is [ii-iii, gen. t.p.'s], [v, ind.], [2-3, t.p.'s part 1], [5]-128, *pl. 1-60*. For plates see note below. The copy at G has all original covers and shows the year dates of publication. The dates below are based on the data used for TL-1 with additional references from the contemporary literature.

part	pages	plates	dates
1	[2]-16	*1-6*	Apr-Mai 1820
2	17-29, [31]	*7-12*	Jan 1821 ("1820")
3	33-44	*13-18*	Jan-Jul 1821
4	45-56	*19-24*	1821 sero, vel 1822 prim. ("1821")
5	57-68	*25-30*	Mar 1822
6	69-80	*31-36*	Jul-Dec 1825
7	81-92	*37-42*	Jul-Dec 1825
8	93-104	*43-48*	Jan-Jul 1826
9	105-116	*49-54*	1826
10	117-128, [i, iii, v]	*55-60*	Dec 1828 vel Jan 1829 ("1828")

Copies: B (parts 1-5), BR, G (orig. covers), MO (parts 1-6, orig. covers), Regensburg (parts 1-5), US (2 compl. copies of which the first (special . coll.) with ideal composition), Stearn (1937 describes the copy in the Lindley library with orig. covers); IDC 6035.
Plates: hand-coloured copper engravings of drawings by Friedrich Guimpel (1774-1839) (*pl. 1-24*: Guimpel fec.), and by Carl Wilhelm Röthig (1807-1844) (*pl. 25-60*: Röthig del., Guimpel or Haas sculps.).
Ref.: Kuntze, O., Rev. gen. 1: cxxxiv. 1891.
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4695. *Enumeratio plantarum horti regii berolinensis altera* ... Berolini (apud G. Reimer) 1821-1822, 2 parts. Oct. (*Enum. hort. berol. alt.*).
Pars 1: 16 Mar-30 Jun 1821, p. [i]-viii, [1]-458.
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List of printing errors: see Hoffmannsegg, Verz. Pflanzenkulturen 242-273. 1824 (TL-2/2912) see also GGA 1822: 1121-1125.
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Ref.: Anon., Flora 5: 487-491. 21 Aug 1822 (pars 1), 6: 369-371. 28 Jun 1823 (pars 2) (reviews).
Stearn, W. T., J. Bot. 75: 235. 1937.

4696. *Elementa philosophiae botanicae* ... Berolini (sumptibus Haude & Spener) 1824. Oct. (*Elem. philos. bot.*).
Ed. 1: 1824, p. [i-iv], [1]-486, *pl. 1-4* (uncol. liths. auct.). *Copies*: FI, G.
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1: [ii*], [i]-xii, [1, consp.], [1]-501, [502, err.], *pl. 1-5* (uncol.) (Flora 14 Nov 1837).
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4697. *Hortus regius botanicus berolinensis* ... Berolini (apud G. Reimer) 1827-1833, 2 vols. Oct. (*Hort. berol.*).
Tomus 1: 1 Oct-27 Nov 1827, p. [i]-viii, [1]-384.
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Ref.: Hoppe, D. H., Flora 11(1): 49-62. 28 Jan 1828 (rev. vol. 1).
Stearn, W. T., J. Bot 75: 235. 1937.
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4698. *Ueber die Gattungen Melocactus und Echinocactus*, nebst Beschreibung und Abbildung der im Königl. botanischen Garten bei Berlin befindlichen Arten. Berlin 1827. Qu. (*Melocactus & Echinocactus*).
Co-author: Christoph Friedrich Otto (1783-1856).
Publ.: 1827, p. [1]-23, *pl. 11-27*, uncol. liths. by Carl Wilhelm Röthig (1807-1844). *Copy*: G.—Reprinted from Verh. Ver. Beförd. Gartenb. Kön. Preuss. Staaten, 7° Lieferung.

4699. *Icones plantarum rariorum* horti regii botanici berolinensis cum descriptionibus et

colendi ratione ... Erster Band. Berolini (sumtibus Ludw. Oehmigke) 1828 [-1831]. Qu. † (*Icon. pl. rar.*).
Co-author: Christoph Friedrich Otto (1783-1856).
Publ.: In eight parts. Alternative title (actually on main t.p. [iii]): "*Abbildungen neuer und seltener Gewächse* des königlichen botanischen Gartens zu Berlin nebst Beschreibungen und Anleitung sie zu ziehen ... Erster Band." We have seen no copy in original covers. *Pagination*: [ii-iii], [1]-96, *pl. 1-48*.

part	pages	plates	dates	part	pages	plates	dates
1	[1]-12	*1-6*	Jan-Jun 1828	5	49-60	*25-29*	Dec 1829
2	13-24	*7-12*	Jul-Dec 1828	6	61-72	*30-36*	Jan-Mar 1830
3	25-36	*13-18*	Jul-Dec 1828	7-8	73-96	*37-48*	Jul-Dec 1831
4	37-48	*19-24*	Mai 1829				

Copies: G, NY; IDC 6036. – *Plates*: Hand-coloured copper engr. of drawings by Carl Wilhelm Röthig (1807-1844) and Friedrich Guimpel (1774-1839).
Ref.: Stearn, W. T., J. Soc. Bibl. nat. Hist. 1(4): 106. 1937.

4700. *Handbuch* zur Erkennung der nutzbarsten und am häufigsten vorkommenden Gewächse ... Berlin (In der Haude und Spenerschen Buchhandlung (S. J. Joseephy.)) 1829-1833, 3 vols. Oct. (*Handbuch*).
1. Erster Theil: Jan-Aug 1829, p. [ii]-viii, [1]-864.
2. Zweiter Theil: Jan-Aug 1829, p. [ii-iii], [1]-533.
3. Dritter Theil: 1833, p. [ii]-xviii, [1]-536.
Copies: B, BR, FI, M, NY, Regensburg (vols. 1-2), US; IDC 5244.
Alternative title: The book was also issued as part of the sixth edition of C. L. Willdenow, *Grundriss der Kräuterkunde*, zweiter-vierter (praktischer) Theil. The first "Theil" of the Grundriss ed. 6, "Erster (theoretischer) Theil" was still attributed to Willdenow and simply edited by Link. The "practical" part, however, was transformed by him into the *Handbuch*. Most copies have the alternative t.p.'s [ii]; the US copy was issued without them and belongs therefore to the independent issue of the Handbuch.
Ref.: Brizicky, G., Taxon 18: 651. 1969.

4701. Ueber eine neue Cactus-Art, *Echinocactus oxygonus* Link nebst Beschreibung, Cultur-Methode und einigen andern Bemerkungen. Berlin 1830. Qu. (*Echinocactus oxygonus*).
Co-author: Christoph Friedrich Otto (1783-1856).
Publ.: 1830, p. [1]-19, *pl. 1*, handcol. liths. *Copy*: G. – Reprinted from Verh. Ver. Beförd. Gartenb. Lieferung 13.

4702. *Über den Bau der Farrnkräuter*. Erste Abhandlung ... [Akademie der Wissenschaften, Berlin] 1834.
Publ.: 1834 (read at Akad. 16 Jan 1834), p. [1]-13, *pl. 2*. *Copy*: FI. – Reprinted and to be cited from Abh. Akad. Wiss. Berlin 1834: 375-388. *pl. 2*. – Zweite Abhandlung: ib. 1835: 83-92 (no independently paged reprint seen by us).

4703. *Icones selectae anatomico-botanicae* ... Ausgewählte anatomisch-botanische Abbildungen ... Berlin (fasc. 1: Haude und Spenersche Buchhandlung (S. J. Joseephy.), fasc. 2-4: Im Verlage von C. G. Lüderitz) 1839-1842, 4 fasc. Fol. (*Icon. select. anat.-bot.*).
1: 1839, p. [i], 1-11, *pl. 1-8*.
2: 6-12 Jun 1841 (Hinrichs; t.p. 1840), p. [i]-iv, [1]-11, *pl. 1-8*.
3: 15-21 Aug 1841 (Hinrichs), p. [i, iii], [1]-12, *pl. 1-8*.
4: 28-30 Aug 1842 (Hinrichs), p. [i, iii], [1]-10, *pl. 1-8*.
Copies: MO, NY. – *Plates*: uncol. or partly col. liths. by Carl Friedrich Wilhelm Schmidt.

4704. *Icones plantarum rariorum* horti regii botanici berolinensis. Abbildungen seltener Pflanzen des Königl. botanischen Gartens zu Berlin, herausgegeben von H. F. Link, ... Fr. Klotzsch, ... F. Otto, ... Erster [Zweiter] Jahrgang. Erster [Zweiter] Band. Berlin (*1*: Verlag von Veit und Comp., gedruckt bei Julius Sittenfeld; *2*: Verlag der Nicolaischen Buchhandlung) [1840-] 1841-1844. Qu. (*Icon. pl. rar.*).

Co-authors: Johann Friedrich Klotzsch (1805-1860), Christoph Friedrich Otto (1783-1856).
1: 1840-1841, p. [i, iii], [1]-61, [62, err.], *pl. 1-24*.
2: 1842-1844, p. [i], 63-123, *pl. 25-48*.

Vol.	pars	pages	plates	dates
1	1	1-16	*1-6*	30 Aug-5 Sep 1840
	2	17-32	*7-12*	15-21 Nov 1840
	3	33-48	*13-18*	7-14 Feb 1841
	4	49-62	*19-24*	13-19 Jun 1841
2	1	63-78	*25-30*	30 Jan-2 Feb 1842
	2	79-94	*31-36*	30 Aug-2 Sep 1842
	3	95-110	*37-42*	Apr 1844
	4	111-123	*43-48*	ante Nov 1844

Copies: B, BR, FI, G (with extra pl. 1 in vol. 1), M, NY, US(2), PH, USDA; IDC 6037.
Plates: hand-coloured liths. by Carl Friedrich Wilhelm Schmidt. (occasional plates left plain; we have seen no copy with all plates uncol.) (DU 185).
Ref.: Stearn, W. T., J. Soc. Bibl. nat. hist. 1: 106-107. 1937.
Steenis-Kruseman, S. K. van, Fl. males. Bull. 15: 738. 1960.

4705. *Filicum species* in horto regio botanico berolinensi cultae ... Berolini (Veitii et socii sumptibus) 1841. Oct. (*Fil. spec.*).
Publ.: 3-10 Sep 1841 (see TL-1), p. [i-iv], [1]-179. *Copies*: MICH, MO, NY; IDC 6034.
Ref.: Vriese, W. H. de, Tijdschr. nat. Gesch. Physiol. 9(2): 122-124. 1842.
Alston, A. H. G., J. Soc. bibl. nat. Hist. 3: 290. 1957.

4706. *Abietinae* horti regii botanici berolinensis cultae ... Halae [Halle a.S.] 1841. Oct. (*Abietinae*).
Publ.: 1841 (t.p. preprint), p. [1]-65, [1]. *Copy*: FI (inf. C. Steinberg). – Preprinted from Linnaea 15: 481-545. Feb 1842. – See also *Revisio abietinarum horti regii botanici berolinensis*, Linnaea 20: 283-298. Jul 1847.

Linkola, Kaarlo (until 1906 Collan) (1888-1942), Finnish botanist; Dr. phil. Helsinki 1919; assistant at the Botanical Institute of the agricultural section of Helsinki Univ. 1913-1922, from 1917 also working at the Tammisto experiment station; professor of botany at Turku Univ. 1923-1925, id. at Helsinki 1925-1942. (*Linkola*).

HERBARIUM and TYPES: H; other material at BP, C, GB, L.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 388; BFM no. 2153, 2418, 2419; BJI 2: 106-107; BL 2: 58, 73-74, 80, 85, 93, 95, 96, 477, 683; BM7: 635; Collander p. 315-325 (q.v. for bibl. and for many biogr. refs.), hist. p. 156; GR p. 620, *pl.* [*41*]; Hawksworth p. 284; IH 2: 448; TL-2/2826.
Anon., Österr. bot. Z. 76(1): 88. 1927 (app. Helsinki).
Gager, C. S., Brooklyn Bot. Gard. Rec. 27: 193. 1938.
Gröntved, Johs., Bot. Tidsskr. 46: 88-90. 1942 (b. 6 Jun 1888, d. 26 Apr 1942, obit., portr.).
Pesola, V. A., Kaarlo Linkola kirjeenvaihtokumppanin näkemänä, Werner Söderström osakeyhtrö, Porvoo, Helsinki 1966, 108 p. (biogr., portr.).

COMPOSITE WORKS: Edited part 6 of Hjelt, *Consp. fl. fennic.*, see TL-2/2826.

4707. *Studien über den Einfluss der Kultur auf die Flora* in den Gegenden nördlich vom Ladogasee ... I. Allgemeiner Teil ... Helsingfors [Acta Soc. Fauna Fl. fenn] 1916. Oct. (*Stud. Einfl. Kult. Fl.*).
1: 1916, p. [i]-vii, [1]-429, 6 charts, 20 maps. Acta Soc. Fauna Fl. Fenn. 45(1), 1916.
2: 1921, p. [1]-491, 4 charts, Ib. 45(2). *Copy*: FI.

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Linnaeus, Carl (from 1761: Carl von Linné) (1707-1778), Swedish botanist, physician and zoologist; Dr. med. Harderwijk 1735; in the Netherlands 1735-1738, for the greater part of the time as physician to George Clifford at the Hartecamp near Haarlem; from 1738-1741 practicing physician at Stockholm; professor of medicine and botany at Uppsala 1741-1778; founder of modern plant systematics and nomenclature. (*L.*).

HERBARIUM and TYPES: For a general and detailed review of the Linnaean herbaria and of the other herbaria used by Linnaeus see W. T. Stearn's introduction to vol. 1 of the Ray Society facsimile of the *Species plantarum*. The main type herbarium is the Linnaean herbarium at the Linnean Society of London (LINN), available on IDC microfiches (Indexes: Jackson 1912, Savage 1945). It should be emphasized that for several reasons, amply explained by Stearn, the specimens now in the Linnaean herbarium may have no relation to the entry under the same name in the *Species plantarum*.
The Linnaean herbarium at Stockholm (S), also available on IDC microfiches (no. 5075), consists mainly of plants given by Linnaeus to his son or to colleagues, or of plants grown in the Uppsala botanic garden during Linnaeus's life-time. The main sources of this herbarium were the herbaria of Linnaeus fil., Alströmer, Montin and Solander. Although the specimens of this herbarium can rarely be considered types, they still have great importance for the interpretation of the Linnaean taxa. Small collections of Linnaean plants are also at H, SBT and UPS. Linnaeus's Lapland herbarium, given by him to Johannes Burman, is now at the Institut de France, Paris. The main herbaria of other botanists used by Linnaeus are those of Burser at Uppsala (UPS) (available on IDC microfiches), Hermann (BM), Sloane (BM), Dillenius (OXF), for details of which see Stearn.
A very important Linnaean type herbarium is the Clifford herbarium at BM, which contains many of the types of the *Hortus cliffortianus*. For the Linnaean specimens at UPS see Juel (1931).

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422-463 important bibl.); Krempelh. 2: 3, 31, 36; Lasègue p. 574 [index]; Lenley p. 269; ME 1: 207; Moebius p. 453 [index]; NI 1215; Plesch p. 310-312; PR 5402-5525 (ed. 1: 5978-6162 and p. 358); Quenstedt p. 265; Ratzeburg p. 317-326; Rehder 5: 515-516; RS p. 114-116; SO see e.g. p. 36; Stevenson p. 1249; TL-1/see index; Tucker 1: 430-434, 777; Zander ed. 10, p. 681, ed. 11, p. 777.

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4709. Caroli Linnaei, sveci, . . . *Systema naturae*, sive regna tria naturae systematice proposita per classes, ordines, genera, species . . . Lugduni batavorum [Leiden] (apud Theodorum Haak: ex typographia Joannis Wilhelmi de Groot) 1735. (Broadsheet). (*Syst. nat.*), (SO 39, STR 5919).
Orig. ed.: 9-13 Dec 1735, p. [1-13]. *Copies*: HU; IDC 182. – See SO 39 for further details, see also SO 41-43 for early facsimile editions. See Sandberg 1 for proof sheets. – See Bryk,

Taxon 3: 225-227. 1954 for copies and prices, and sub HU 593 (p. 314) for an analytical bibliographic collation (1830).

Editio prima reedita, curante Antonio-Laurentio-Appollinario Fée [1789-1874], ... Parisiis (apud F. G. Levrault, ...) 1830. Oct., p. [i*-iii*], [i]-vi, [1]-81, [1, err.]. *Copies*: MO, US(2). – SO 44, STR 5920.

Facsimile of the first edition (1): 1960, p. [1-13, 1 Methodus, 2 colo.]. Bokgillet, Uppsala/Sweden. *Copy*: U. – STR 5922.

Facsimile of the first edition (2): 1964, portr., p. [1]-30, followed by facsimile, *pl.*, colophon [1]. *Copy*: MO. – SO 39, STR 5923. – With an introduction and a first English translation of the "Observationes" by ... M. S. J. Engel-Ledeboer and ... H. Engel ... Nieuwkoop (B. de Graaf) 1964.

Appendix: Methodus, see below. (STR 5550).

Transcript (of Regnum veg. part): J. Bot. 38: 430-443. 1900. – STR 5854.

Ref.: Anon., Nova Acta Eruditorum 1737: 64-71.

Subsequent editions:

ed. 2, 1740, SO 46, see no. 4721, Stockholm. – STR 5926.

ed. [*3*], 1740, SO 47, see no. 4722, Halle, – STR 5927.

ed. 4, 1744, SO 48, see no. 4730, Paris. – STR 5928.

ed. [*5*], 1747, SO 50, see no. 4742, Halle, – STR 5930.

ed. 6, 1748, SO 51, see no. 4745, Stockholm. – STR 5931.

ed. [*7*]: 1748, SO 52, see no. 4747, Leipzig, – STR 5932.

ed. [*8*]: 1753, SO 53, see no. 4768, Stockholm (Indeln. Ört-Riket). – STR 5420.

ed. [*9*]: 1756, SO 57, see no. 4790, Leiden. – STR 5934.

ed. 10, 1758-1759, SO 58, see no. 4794, Stockholm. – STR 5935.

ed. 11: "Leipzig 1762 Oct.", mentioned by Linnaeus himself in the ratio editions of ed. 12. STR, Hulth and Soulsby suspect that this edition is non-existent. KR, p. 425 and Tournay call the Halle 1760 reprint of ed. 10 the eleventh edition.

ed. 12: 1766-1768, SO 62, see no. 4829, Stockholm. – STR 5941.

ed. 13: 1767-1770, SO 116, see no. 4832, Wien. – STR 5942.

ed. 13[*bis*]: 1788-1793, by J. F. Gmelin, SO 117 see TL-2/2043, Leipzig. – STR 2655.

Further editions of Systema naturae, by different authors: see SO 118-142; for additional refs. see SO 143-182b.

Systema vegetabilium: The botanical part of later editions of the *Systema naturae* was issued several times as *Systema vegetabilium* (counting from ed. 12):

ed. 13: 1774 (see also under J. A. Murray), SO 573, see TL-2/4844 a and STR 6838. N.B. The botanical novelties in this edition still stem from Linnaeus and must be attributed to him. Murray acted here as editor.

ed. 14: 1784, see under J. A. Murray, SO 583, TL-2/6575, STR 6839. Revised by Murray. Novelties to be attributed to him.

ed. 15: 1789, see under J. Scannagatta, SO 598.

ed. 15: 1797, see under C. H. Persoon, SO 603, STR 7336.

ed. 15: 1798, see under J. A. Murray, SO 608, TL-2/6578, STR 6840.

ed. 16: 1817-1830, see under J. J. Roemer et J. A. Schultes SO 613, STR 7697.

ed. 16 [ed. 17]: 1825-1828, see under K. Sprengel, SO 616, STR 8499.

ed. 18: 1835, see under H. E. Richter (Caroli Linnaei Opera), SO 25-26, STR 5917. – A further edition, Coimbra 1838, is mentioned by Tournay.

General references: SO 39-182b, KR p. 424-430 (no.1) and Tournay (Bull. Soc. bot. Belg. 86: 125-127. 1953) provide reviews of all editions as well as secondary references. – See also Heller, J. L., Classical mythology in the Systema Naturae ..., Trans. Amer. philol. Ass. 76: 333-357. 1945.

4710. Caroli Linnaei ... *Fundamenta botanica* quae majorum operum prodromi instar theoriam scientiae botanices per breves aphorismos tradunt ... Amstelodami [Amsterdam] (apud Salomonem Schouten) 1736. Oct. (*Fund. bot.*) (SO 253, KR 135, STR 5350).

Orig. ed: 13 Sep 1735 (t.p. 1736), p. [i-iv], [1]-35, [36]. *Copies*: G(2), MO, U; IDC 164. – Issued both as a separate work and as part of the *Bibliotheca botanica*. The aphorisms 210-314 are the basis of the *Critica botanica*; the entire text became later the basis for the *Philosophia botanica* (1751). – Errata appear on the errata sheet of the *Bibliotheca*.

Facsimile ed. [1]: 1961, p. [i-iv], [1]-35, [36], colophon loose leaflet. *Copies*; FAS, U. – 100

copies issued with colophon leaflet by J. Cramer (Weinheim, later Lehre) "greeting the year of 1961."

Facsimile ed. [2]: 1968, p. [i-iv], [1]-35, [36] as part of 1968 ed. of the *Bibliotheca botanica*, München (Werner Fritsch). *Copy*: FAS.

Commentary by Linnaeus: *Sponsalia plantarum* 1746, q.v. Commentary on cap. 5, sect. 132-150. – STR 5223.

Contemporary reprint: 1740, on p. [1]-22 of Charles Alston (1683-1760), *Index plantarum* praecipue officinalium, quae, *in horto medico Edinburgensi*, demonstrantur ... Edinburgi Apud W. Sands, A. Brymer, A. Murray & J. Cochran) 1740. (*Ind. pl. hort. Edinb.*), p. [i]-xxv, [xxvi], [1]-66. – SO 255. – SO 256 and STR 5351 mention an editio altera, Aboe 1740, not seen by us.

Ed. 2: 1740, p. [i-iv], 1-23, [24, err.]. *Copies*: MO(2). – STR 5361, SO 257. – Caroli Linnaei ... Fundamenta botanica in quibus theoria botanices aphoristice traditur ... Editio secunda. Stockholmiae (apud Gottfr. Kiesewetter) 1740. Oct. – The text of this edition appears also in *Syst. nat.* ed. 2, 1740 (TL-2/4721) and in *Syst. nat.* ed. 4, 1744 (TL-2/4730), as well as in the *Opera varia*, 1758 (TL-2/4798).

Ed. 3: 1741, p. [1]-51. *Copies*: MO(2), U, US. – SO 261, STR 5355. Editio tertia, prioribus longe auctior & emendatior. Amstelaedami [Amsterdam] (Apud Salomonem Schouten) 1741. Qu.

Bierwirth ed. (of ed. 3): 1747, p. [1]-31. *Copies*: MO(2). – STR 5356, SO 262. – Caroli Linnaei ... Fundamenta ... accedunt [on p. 32-78] Johannis Gesneri ... dissertationes physicae ... Halae propter Salam [Halle a. S.] (Apud Jo. Gottl. Bierwirth) 1747. Oct. – Issued separately as well as combined with the Bierwirth ed. of the *Bibl. bot.* Edited by M. G. Agnethler.

Alston ed.: 1753, on p. 83-116 of C. Alston, *Tirocinium botanicum edinburgense* ... Edinburgi (Typis W. Sands, ...) 1753, p. [i-iv], [1]-120. *Copy*: MO. – See SO 263, STR 202. (*Tirocin. bot. edinb.*).

Spanish ed.: 1788, p. [i-iv], [1]-97. *Copy*: USDA. – *Fundamentos botánicos* de Carlos Linneo, que en forma de aforismos exponen la teoría de la ciencia botánica. En Madrid (en la Imprenta Real) 1788. Oct. (*Fund. bot., Madrid*). SO 271, STR 5360. Edited and translated by Angel Gomez Ortega.

Mexican ed.: 1887, p. [iii]-viii, [1, h.t.], [9]-64. *Copy*: MO. – *Fundamentos botánicos de Carlos Linneo* ... México (Oficina Tip. de la Secretaría de Fomento ...) 1887. Qu. (*Fund. bot., Mexico*). – Published by José Ramira, based on Ortega ed. (*Fund. bot. Madrid*). – SO 272, STR 5364.

Further editions, versions and commentaries: see SO 264-270, 273-274. See also Fredbärj, Sv. Linné-Sällsk. Årsskr. 47: 5-15. 1965.

Swedish translation: 1967, Valda Avh. C. v. Linné, Uppsala, Sv. Linné-Sällsk. – STR 4784.

Manuscript versions: see Fredbärj, T., Sv. Linné Sällsk. Årsskr. 47: 5-15. 1964 (on incompl. mss. at Greifswald and at Kungl. Bibl., Stockholm) (STR 2252).

4711. Caroli Linnaei ... *Bibliotheca botanica* recensens libros plus mille de plantis huc usque editos, secundum systema auctorum naturale in classes, ordines, genera & species dispositos, additis editionis loco, tempore, forma, lingua &c. cum explicatione Fundamentorum botanicorum pars I^{ma} ... Amstelodami [Amsterdam], (apud Salomonem Schouten) 1736. Oct. (*Bibl. bot.*). (SO 250, KR 147, STR 4780).

Publ.: Oct 1735 (t.p. 1736), p. [i-xvi], 1-153, [154-166], [1, err., also for Fund. bot.]. *Copies*: F, G, HH, MO, U; IDC 159, 2270. – Important source for Linnaean references. Issued with *Fund. bot.* ed. 1, 1736, q.v.

Dedicated: to Johannes Burman (1707-1779).

Facsimile reprint of ed. 1: 1968, p. [i-xvi], 1-153, [154-166], [1, err.], followed by facs. of *Fund. bot.* ed. 1. *Copies*: FAS, US. – München (Werner Fritsch) 1968.

Editio nova: 1747, p. [i-xiv], [1]-124, [1-8, index]. *Copies*: MO, USDA. – SO 251, STR 4782. "Editio nova multo correctior." Halae salicae [Halle a.S.] (apud Jo. Gottl. Bierwirth) 1747. Oct. Reprint of ed. 1 with errata inserted in text. Issued with *Fund. Bot* Bierwirth edition.

Editio altera: 1751, p. [i-xvi], 1-220, [1-13, ind.]. *Copies*: HH, U; IDC 2270. – SO 252, STR 4781. – Editio altera, priori longe auctior & emendatior. Amstelodami [Amsterdam] (apud Viduam S. Schouten & Filium) 1751. Oct.

Further supplement: See Linnaeus, *Auct. Bot.* 1759, SO 2017, TL-2/4801, STR 4867.

Ref.: Nordström J., Sv. Linné-Sallsk. Årsskr. 37-38: 7-22. 1955. Heller, J. L., Taxon 19: 363-411. 1970 (detailed study).

4712. Caroli Linnaei med: doct: *Musa cliffortiana* florens Hartecampi 1736 prope Harlemum. Lugduni Batavorum [Leiden] 1736. Qu. (*Musa cliff.*) (SO 275; KR 46, STR 5557).
Publ.: Mar-Apr 1736 (p. [vi]: 20 Feb 1736; Boekzaal 42: 435-438. Apr 1736; Ant. de Jussieu acknowledged receipt on 5 Jul 1736, Stoever p. 167), p. [i-viii], *pl.* [*A*], 1-46, [1-2, "Floreat mea Musa per annos!"] and expl. pl. [B]], *pl.* [*B*]; the plates are uncol. or col. copp. engr. *Copies*: BR, G (large paper), MO, U (large paper; 2 copies of *pl. B*: col. and uncol.); IDC 171. Contemporary reviews see SO 275. – See Stafleu (1971) for further details.
Dedicated to: George Clifford (1685-1760).
Facsimile ed.: 1967, cover p. [2]: colophon, facs. p. [i-viii], *pl.* [*A*], 1-46, [1-2], *pl.* [*B*] (uncol.). *Copies*: FAS, G. – 100 copies printed greeting the year 1968 ... for J. Cramer (Lehre). – STR 5558.
Ref.: Stafleu, F. A., Linnaeus and the Linnaeans 131-133, 159. 1971 (STR 8523).
Stoever, D.H., Collectio epistolarum ... Carolus a Linné 1972 (STR 4809, under Linnaeus).
Uggla, A. H., Sv. Linné-Sällsk. Årsskr. 42: 79-88. 1960. (Linné och bananen), (STR 9476).

4713. Caroli Linnaei, sveci, *Methodus* juxta quam physiologus accurate & feliciter concinnare potest historiam cujuscumque naturalis subjecti, sequentibus hisce paragraphis comprehensa, ... Lugduni batavorum [Leiden] (apud Angelum Sylvium) 1736. Broadsheet (*Methodus*), (SO 40, STR 5550).
Publ.: 1736, issued as an appendix to *Syst. nat.* 1735 (reprinted in eds. 2-9, 1740-1756 as Methodus demonstrandi animali, vegetabilia aut lapides."). Usually bound as a fly leaf with copies of the *Syst. nat. Copy*: HU.
Facsimile reprint: 1960, 1 p. *Copy*: *U.* – Bokgillet, Uppsala/Sweden.
Translation and notes: See K. P. Schmidt, J. Soc. Bibl. nat. Hist. 2(9): 369-374. 1952 (STR 8006).

4714. Caroli Linnaei ... *Genera plantarum* eorumque characteres naturales secundum numerum, figuram, situm, & proportionem omnium fructificationis partium ... Lugduni batavorum (Apud Conradum Wishoff) 1737. Oct. (in fours). (*Gen. pl.*). (SO 284, KR 2, STR 5376).
Publ.: early 1737, p. [i-xvi], clavis classium (chart), 1-168, 167[bis]-168[bis], 169-366, 372 [text continuous]-380 (as "384"), [1-20, index]. *Copies*: G, MO, US(2), USDA; IDC 556. – Somewhat later copies were issued together with:
(1) a plate by G. D. Ehret "Caroli Linnaeus classes sive litterae" bound either with the *Genera* or the *Methodus*. The orginal of this plate is at BM. – See Bryk, 1954, p. 176, and Uggla, A. H., Sv. Linné-Sälsk. Årsskr. 22: 108-113. 1939.
(2) the *Corollarium*, see below TL-2/4716.
(3) the *Methodus*, see below TL-2/4715.
Secondary publications: see e.g. SO 286-296, KR 2, the introduction by W. T. Stearn to the facsimile ed. of ed. 5 (Weinheim 1960), Bryk (Taxon 3: 176-177. 1954), Tournay (Bull. Soc. bot. Belg. 86: 127. 1953), Franchet, J. de Bot 1: 171-173. 1887; and Stafleu, Linnaeus and the Linnaeans (1971) p. 373 [index].
Further editions: *ed.2*, Leiden 1742, SO 297, see TL-2/4723, STR 5377.
ed. 3: Paris 1743, SO 299, see TL-2/4725, STR 5378.
ed. 4: Halle 1752, by C. C. Strumpff, SO 300, see TL-2/4767, STR 5379.
ed. 5: Stockholm 1754, SO 301, see TL-2/4778, STR 5380.
ed. 6: Stockholm 1764, SO 305, see TL-2/4823, STR 5382.
editio novissima : Wien 1767, SO 315, see TL-2/4833, STR 5383.
ed. 7: Frankfurt a. Main 1778, SO 320, see J. J. Reichard, STR 7502.
ed. 8(a): Frankfurt a. Main 1789-1791, SO 322, see under J. C. D. Schreber, STR 8034.
ed. 8(b): Wien 1791, SO 324, Th. Haenke, TL-2/2238, STR 2852.
ed. 9: Göttingen 1830-1831, SO 327, see K. P. J. Sprengel, STR 8497.

4715. Caroli Linnaei medici *Methodus sexualis* sistens genera plantarum secundum mares et

feminas in classes et ordines redacta. Lugduni batavorum [Leiden] (Apud Coenradum Wishoff) 1737. Oct. (in fours). (*Meth. sex.*), (SO 285, KR 2, STR 5551).
Publ.: Sep-Dec 1738 then issued in combination with the earlier published *Gen. pl.* ed. 1), p. [1]-23 (sometimes with pl. and/or chart of *Gen. pl.*). *Copies*: G, U, US, USDA (with pl. and chart). – For secondary literature see under *Gen. pl.* ed. 1, 1737.

4716. Caroli Linnaei ... *Corollarium* generum plantarum, exhibens genera plantarum sexaginta, addenda prioribus characteribus, expositis in Generibus plantarum. Accedit Methodus sexualis. Lugduni batavorum (Apud Conradum Wishoff) 1737. Oct. (in fours). (*Corollarium*), (SO 285, KR 2, STR 4813).
Publ.: Sep-Dec 1737 (then issued with the earlier publ. *Gen. pl.* ed. 1), p. [i-vi], 1-25. *Copies*: G, MO, US, USDA. – For secondary publications see *Gen. pl.* ed. 1, 1737.

4717. Caroli Linnaei ... *Flora Lapponica* exhibens plantas per Lapponiam crescentes, secundum systema sexuale collectas in itinere impensis Soc. reg. litter. et scient. Sueciae a. [mdccxxxii]. Instituto. Additis synonymis, & locis natalibus omnium, descriptionibus & figuris rariorum, viribus medicatis & oeconomicis plurimarum. Amstelaedami [Amsterdam] apud Salomonem Schouten) 1737. Oct. (*Fl. lapp.*), (SO 279, KR 16, STR 5336).
Publ.: Apr 1737, frontisp., p. [i-xxxix], [1]-372, [1-12, index], [1-26: emend., poem by Joh. Browallius, expl. pl.], *pl. 1-12* (uncol. copp.). *Copies*: G, HU, MO(2), U, US, USDA; IDC 163. – The *Flora lapponica herbarium* is at the Institut de France, Paris (in library B. Delessert). For secondary publications see e.g. SO 279a-280a, 282, Stafleu (1971, p. 372, index), and HU 502 (q.v. for precise collation).
Editio altera: 1792 (p. [iii]: Feb 1792), frontisp., p. [i*-iii*], i-l, [1]-390, [1-16] *pl. 1-12* with text (uncol. copp.). *Copies*: G, MO, Stevenson, US, USDA. – Edited by J. E. Smith. See also BL 2: 516-517 and STR 5337.
Swedish translation: 1905, in T. M. Fries, Skrifter af Carl von Linné, vol. 1 (SO 283, STR 5338). 391 p.
Travelogues: For Linnaeus's manuscript journal of the *Iter lapponicum* see J. E. Smith, *Lachesis lapponica*, 2 vols., London 1811 (SO 192) and SO 196-197a, STR 5442. – See also C. O. v. Sydow, Sv. Linné-Sällsk. Årsskr. 1972-74: 22-74. 1978.

4718. Caroli Linnaei ... *Critica botanica* in qua nomina plantarum generica, specifica, & variantia examini subjiciuntur, selectiora confirmantur, indigna rejiciuntur; simulque doctrina circa denominationem plantarum traditur. Seu Fundamentorum botanicorum pars iv. Accedit Johannis Browallii de necessitate historiae naturalis discursus. Lugduni Batavorum [Leiden] (apud Conradum Wishoff) 1737. Oct. (*Crit. bot.*), (SO 276, KR 136, STR 4815).
Author of Discursus: Johan Browallius, bishop of Åbo (1707-1755).
Publ.: early Jul 1737 (p. iv: 22 Jun 1737; Neue Zeit. gel. Sach. 1739: 455-458), p. [i-xvi], 1-270, [1-36, index, err.]. *Copies*: G, MO(2), US, USDA. – An elaboration of the aphorisms 210-314 of the *Fundamenta botanica*; it contains for instance an outline of L's ideas on generic nomenclature. See also Stafleu (1971, p. 370, index), and especially the English translation by Arthur Hort (see below).
Discursus: issued with the *Critica* with independent t.p. and pagination: [i-viii], 1-24, [1-8, index]. *Copies*: as above. "*Discursus de introducenda* in scholas et gymnasia praecipue vero in gymnasium arosiense *historiae naturalis lectione*, ad ... auct. Johanne Browallis. Lugduni batavorum [Leiden] (apud Conradum Wishoff) 1737. Oct.
English translation: 1938, p. [i]-xxvii, [1]-239. *Copies*: FAS, MO, Stevenson, U, US. – "The "Critica botanica" of Linnaeus translated by the late Sir Arthur Hort, ... revised by Miss M. L. Green, ... with an introduction by Sir Arthur Hill, ... London (printed for the Ray Society ...) 1938. Oct. – STR 4816.
Reprint: in J. E. Gilibert, Syst. pl. Eur. 7: 363-594. 1787. See SO 20, 21, 277, TL-2/2014, STR 4795.
Commentary: See A. J. Retzius, Obs. crit. bot. Linné, 1811 (SO 278, STR 7540).

4719. *Hortus cliffortianus* plantas exhibens quas in hortis tam vivis quam siccis, Hartecampi in Hollandia, coluit vir nobilissimus & generosissimus Georgius Clifford juris utriusque doctor, reductis varietatibus ad species, speciebus ad genera, generibus ad classes, adjectis locis plantarum natalibus differentiisque specierum. Cum tabulis aeneis. Auctore Carolo

Linnaeo, ... Amstelaedami [Amsterdam]. 1737. Fol. (*Hort. cliff.*), (SO 328, KR 121, STR 5405).
Collections owned by: George Clifford (1685-1760), see TL-2/1: 511-512.
Publ.: 1738 (distributed to friends; on the market only in 1739), p. [i**, iv**], frontisp., [v**, t.p.], [i*-xxii*], [i]-x, i-iv, 1-231, [232, blank], 301-501, [502, err.], [1-16, indexes], *pl. 1-36* (uncol. copp. J. Wandelaar and G. D. Ehret). *Copies*: HU, MO(2), U(2), US; IDC 167. – See Stearn (1957) for a discussion of the way the book was made available to the botanical public. Copies were handed out sparingly to friends of Clifford, but the book did not come on the market before 1739. See Heller (1968) for an extensive study, and HU 504 for an analytical collation. The 36 uncoloured (copies at Bibl. natl., Paris, and Uppala Univ. have coloured plates) copper- engravings (some unsigned) are of drawings by G. D. Ehret and J. Wandelaar. The pagination shows a break: 1-231, 301-501. "The text was partly printed in quarto, but, owing to the size of the plates had to be reprinted in *folio*, which accounts for the pagination" (SO). – An abridgement was published with the title *Viridiarum cliffortianum*. Amsterdam 1737 (PR 5409, SO 331) which (Richter) was published Jun-Oct 1737. – George Clifford's herbarium containing many of the plants described by Linnaeus is at BM.
Facsimile ed.: 1968, p. [i***-iv***], [i**-ii*], frontisp., [iii*, t.p.], [i*-xxii*] [i]-x, i-iv, 1-231, [232, blank], 301-501, [502, err.], [1-16, indexes], *pl. 1-36* (on 18 leaves). *Copies*: FAS(2), MO. – ISBN 3-7682-0543-6, Historiae naturalis classica 63, Lehre (J. Cramer). – STR 5406.
Ref.: Callmer, C. and O. Gertz, Sv. Linné-Sällsk. Arsskr. 26: 81-88. 1953 (on illustrations).
Heller, J. L., Huntia 1: 56-60. 1964; Taxon 17: 663-719. 1968 (extensive study), 19: 357-411. 1970.
Rendle, A. E., J. Bot. 61: 114-116. 1923 (on Clifford here).
Springer, L. F., Sv. Linné-Sällsk. Årsskr. 19: 59-66. 1936 (on the Hartecamp).
Stearn, W. T., An introduction ... Species plantarum p. 49, 172 [index]. 1957.

4720. Caroli Linnaei ... *Classes plantarum*. Seu systemata plantarum omnia a fructificatione desumta, quorum xvi universalia & xiii partialia; compendiose proposita secundum classes, ordines et nomina generica cum clave cujusvis methodi et synonymis genericis. Fundamentorum botanicorum pars ii. Lugduni batavorum [Leiden] (Apud Conradum Wishoff) 1738. Oct. (*Class. pl.*), (SO 332, KR 137, STR 4803).
Orig. ed.: 1738 (p. [vii]: 20 Mar 1738), p. [i-viii], pages with column nos. (2/p.): [1]-606, p. 607-656, [657; on verso of 656]. *Copies*: G, MO, U, US, USDA; IDC 160. – See aphorisms 53-77 of *Fundamenta botanica* 1736 in which "this work is foreshadowed" (SO). For a discussion see Stafleu (1971), p. 369 [index]; see also SO 333-338.
Reprint[1]: 1747, p. [i-viii], col. [1]-606, p. 607-656, [657]. *Copies*: MO, USDA. – SO 333, STR 4804.
Reprint[2]: 1907, in T. M. Fries, ed., Skrifter af Carl von Linné, 3, 1907. (SO 335, see also 334; STR 4807).
French transl.: see Mouton de Fontenille 1798, 1804 (TL-2/6381,6384, and STR 6794, 6795).
Ref.: Stafleu, F. A., Linnaeus and the Linnaeans 369 [index]. 1971.

4721. Caroli Linnaei ... *Systema naturae* in quo natura regna tria, secundum classes, ordines, genera, species, systematice proponuntur ... Editio secunda, auctior. Stockholmiae (apud Gottfr. Kiesewetter) 1740. Oct. (*Syst. nat. ed. 2*), (SO 46, KR 1, STR 5926).
Publ.: Mai 1740, p. [i-iv], [1]-80. *Copy*: MO (issue 1). – See SO 46 for further details. Contains also the text of Fund. bot. ed. 2.–See also SO 143-182b, Sandberg 3, and STR 5926 (issues 1,2,3).
Reprint: in *Opera varia*, 1758 (see below and STR 5600), with slight changes.

4722. Caroli Linnaei, ... *Systema naturae*, sive regna tria naturae systematice proposita per classes, ordines, genera et species. Caroli Linnaei, ... Natur-Systema, oder die in ordentlichem Zusammenhange vorgetragene drey Reiche der Natur, nach ihren Classen, Ordnungen, Geschlechtern und Arten, in die deutsche Sprache übersetzet, mit einer Vorrede herausgegeben von Johann Joachim Langen, ... Halle (gedruckt mit Gebauerischen Schriften) 1740. Fol. (*Syst. nat. ed. 3*), (SO 47, STR 5927).
Editor: Johann Joachim Lange (*fl.* 1740).

Publ.: 1740 (p. [viii]: 4 Mai 1740), p. [i-viii], [1]-70, [1, err.]. *Copy*: HH. – A reprint of ed. 1 1735), slightly re-arranged, with a German translation in parallel columns.

4723. Caroli Linnaei ... *Genera plantarum* eorumque characteres naturales secundum numerum, figuram, situm, & proportionem omnium fructificationis partium. Editio secunda aucta & emendata. Lugduni batavorum [Leiden], (Apud Conradum Wishoff, et Georg. Jac. Wishoff, Fil. Conr.) 1742. (in fours). (*Gen. pl. ed. 2*). (SO 297, KR 2, STR 5377).
Publ.: early 1742, p. [i*-vii*, t.p., motto, ded., priv.], [i]-xix, *1 pl.* (Ehret), 1 chart, 21-42, 1-527, [1, err.], [1-21, index]. *Copies*: G, MO (2), US, USDA; IDC 557.
Additamenta: Caroli ... Linnaei ... *Decem plantarum genera* [nos. 1022-1031] additamenta [to nos. 22, 28, 87, 125, 142, 183, 267, 367, 414, 420, 464, 533, and 738], *in* Acta Soc. R. Sci. Upsal. 1741: 77-84. 1746. See SO 298 and Bryk 1954 no. 6.
Ref.: Bryk, F., Taxon 3: 177. 1954.
Stearn, W. T., Notes on Linnaeus's Genera plantarum, *in* facs. ed. of ed. 5, Weinheim 1960.

4724. Q. F. F. Q. S. Dissertatio botanica de *Betula nana,* quam, consensu amplissime Fac. Medicae in Reg. Acad. Upsaliensi, praeside ... Carolo Linnaeo, ... publico bonorum examini modeste subjicit ... Laurentios Mag. Klase, Smolandus. In auditorio Gustav. Maj. ad. d. [mss. 30] Junii an. mdccxliii. Horis, ante meridiem, solitis. Stockholmiae (Typis Historiographi Regni) [1743]. Qu. (*Betula*), (SO 1370, KR 39, STR 4921).
Publ.: 30 Jun 1743, p. [i-iv], 1-20, *1 pl.* (uncol. copp.). *Copies*: MO(2), USDA. – Further editions and translations: SO 1371-1376, e.g. in *Amoen. acad., Camper ed.* 1: 333-351. 1749, *Amoen. acad.* 1: 1-22. 1749 and *Amoen. acad., Schreber ed.* 1:1-22. 1787.

4725. *Genera plantarum* eorumque characteres naturales, secundum numerum figuram, situm, & proportionem omnium fructificationis partium. Authore Carolo Linnaeo, ... Editio secunda, nominibus plantarum gallicis locupletata ... Parisiis (sumptibus Michaelis Antonii David, ...) 1743. Oct. (*Gen. pl. ed. 3*), (SO 299, KR 2, STR 5378).
Publ.: 1743, p. [i]-xxxii, clavis, *pl. 1-2* [1-2, expl. pl.], 1-413, [414-439, index], [440-470 meth. calyc. etc.], [1-2, privil.]. *Copies*: G(2), MO, US(2), USDA. – Contains the text of ed. 2, 1742, with French vernacular plant names and some fragments from the *Class. pl.*; it counts as ed. 3 notwithstanding the "editio secunda" on the title page. Linnaeus was not involved in the publication.–See SA 2: 574, Bryk (1954) and Stearn (1960). Edited by a "Mr Monnier" at Paris, see Bryk.
Ref.: Bryk, F., Taxon 3: 177-178, 1954.
Stearn, W. T., Notes on Linnaeus's Genera plantarum, *in* facs. ed. of ed. 5, Weinheim 1960.

4726. Caroli Linnaei ... *Oratio de necessitate peregrinationum* intra patriam. Ejusque elenchus animalium per sueciam observatorum. Accedunt Johannes Browalii Examen epicriseos Siegesbeckianae in systema plantarum sexuale et Johannis Gesneri ... dissertationes de partium vegetationis et fructificationis structura, differentia et usu, in quibus elementa botanica dilucide explicantur. Lugduni batavorum [Leiden] (Apud Cornelium Haak) 1743. Oct. (*Oratio peregrinat.*), (SO 1355, KR 132, STR 5606).
Orig. ed. (n.v.): 1741, see KR, SO and STR 5613.
Leiden ed: 1743, p. [1]-28. *Copies*: HU(4), MO, M, US. – Issued with:
A. Boberg, *Programma,* p. 29-36.
Caroli Linnaei ... *Elenchus animalium per sueciam observatorum*, p. [37]-94.
Johannes Browallius (1707-1755), *Examen epicriseos* ... ,p. [1]-54.
Johannes Gessner (1709-1790), *Dissertationes*. ... , p. [55]-108.
Further editions: See SO 1356-1368; e.g. in *Amoen. acad.* 2, app. 2: 408-429. 1751, *Amoen. acad., Schreb. ed. 2,* app. 2: 408-429. 1787.

4727. Caroli Linnaei ... *Oratio de telluris habitabilis incremento.* Et Andreae Celsii ... Oratio de mutationibus generalioribus ... Lugduni Batavorum [Leiden] (apud Cornelium Haak) 1744. Oct. (*Oratio tell. habit.*); (SO 1377, KR 94, STR 5607).
Publ.: 1744, p. [i], [1]-104. *Copies*: MO(2), US. For further editions and translations see SO 1378-1388, e.g. in *Amoen. acad. 2* (app. 3): 430-476. 1751.
Swedish transl.: 1776, p. [1]-32. *Copy*: MO. – *Tal, om jordenes tillväxt,* hållit i Kongl.

Academien i Upsala vid tilfälle af en promotions act. då ... Johan Westman 1743 ... af Carl von Linné ... Stockholm (Tryckt hos Lars Kumblins Enka) 1776. Oct. – STR 5947.

4728. Q.F.F.Q.S. Disputationem botanico-medicam inauguralem, qua *Ficus,* ejusque historia naturalis & medica exhibetur, cum consensu ampliss. Facult. medicae, in Reg. Acad. Upsaliensi, praeside ... Carolo Linnaeo, ... publice ventilandam sistit Cornelius Hegardt, Scanus. In auditorio Carol. majori, ad diem xv. Sept. Horis ante & post meridiem solitis. Anni mdccxliv [1744]. Upsaliae. Qu. (*Ficus*), (SO 1389, KR, 50, STR 4991).
Publ.: 15 Sep 1744, p. [i-iv], 1-28, *1 pl.* (uncol. copp.). *Copies*: MO, USDA. – Further editions and translations: SO 1390-1394, e.g. *Amoen. acad., ed. Camper* 1(8): 213-243. 1749, *Amoen. acad.* 1(2): 53-54. 1749, *Amoen. acad., Schreber ed.* 1(2), 23-54. 1787.

4729. M. A. Dissertatio botanica de *Peloria,* quam consensu ampl. Facult. medicae in Regia Academia Upsaliensi, praeside ... Carolo Linnaeo, curiosorum oculis modeste subjicit Daniel Rudberg, vermelandus, in Audit. carol. maj. ad diem xix Decemb. anni mdccxliv. Horis ante meridiem solitis. Upsaliae [1744]. Qu. (*Peloria*), (SO 1395, KR 40. STR 4954).
Publ.: 19 Dec 1744, p. [i-viii], [1]-18, [1-4], *1 pl.* (uncol. copp.). *Copies*: MO(2). – Other editions and translations: SO 1396-1400, e.g. *Amoen. acad., Camper ed.* 1(10): 280-298. 1749, *Amoen. acad.* 1(3): 55-73. 1749, *Amoen. acad., Schreber ed.* 1(3): 55-73. 1787.
Ref.: Linnell, T., Sv. Linné-Sällsk. Årsskr. 35: 62-70. 1953.

4730. Caroli Linnaei ... *Systema naturae* in quo proponuntur natura regia tria secundum classes, ordines, genera & species. Editio quarta ab auctore emendata & aucta. Accesserunt nomina gallica ... Parisiis (Sumptibus Michaelis-Antonii David, ...) 1744. Oct. (*Syst. nat. ed. 4*), (SO 48, STR 5928).
Editors: Abraham Bäck (1713-1795), Bernard de Jussieu (1699-1777).
Publ.: 1744, p. [i*], [i]-xxvi, [1]-108, [1, priv.], *pl. clavis class. Copies*: G, MO. – Essentially a French edition, with French vernacular names, of ed. 2. Usually accompanied by *Fund. bot.* ed. 2 (1740).

4731. Caroli Linnaei ... *Flora svecica* [suecica] exhibens plantas per regnum Sveciae crescentes, systematice cum differentiis specierum synonymis autorum nominibus incolarum solo locorum usu pharmacopaeorum. Stockholmiae (Sumtu & literis Laurentii Salvii) 1745. Oct. (*Fl. suec.*), (SO 407, KR 17, STR 5339).
Orig. ed.: Summer 1745, p. [i*-iv*], [i]-xii, [xiii-xvi], 1-419, [420, err.], *1 pl.* (uncol. copp.). *Copies*: G, HU, MO, US; IDC 179. – The plate represents *Linnaea borealis.* – See also HU 523.
Leiden issue: 1745, p. [i*-iv*], [i]-xii, [xiii-xvi], 1-419, [420, err.], *1 pl.* (id.). *Copies*: G, US, USDA. – Lugduni batavorum [Leiden] (Apud Conradum Wishoff & Georg. Jac. Wishoff fil. Conr.) 1745. Oct. – SO 408, STR 5340.
Ed. 2: 1755, p. [i*-iv*], [i]-xxxii, [1]-464, [1-30, indexes], *1 pl.* (id.). *Copies*: G, MO, US(2), USDA; IDC 180, – "Editio secunda aucta et emendata ..." Stockholmiae (Sumtu & literis Laurentii Salvii) 1755. Oct. – SO 409, BL 2: 512, STR 5341.
Ref.: Fries, S., Sv. Linné-Sällsk. Årsskr. 45: 34-45. 1963.

4732. D. D. Dissertatio botanica, qua *Plantae martino-burserianae* explicantur, cum, consensu amplissimae Facultat. medicae in Regia Academia Upsaliensi, praeside, ... Carolo Linnaeo, ... publicae curiosorum censurae submissa ab alumno regio Rolando Martin, Petri fil. Uplando. In Audit. car. maj. ad diem xii. Decemb. mdccxlv. Horis ante meridiem consuetio. [1745]. Qu. (*Pl. mart. – burser.*), (SO 1417, KR 52, STR 5181).
Collections: Joachim Burser (1583-1639); for details on his coll. see TL-2/1: 419; the dissertation describes 240 species from his *Hortus siccus.*
Publ.: 12 Dec 1745, p.[i-viii], [1]-31, [32]. *Copies* MO(2), USDA. – Other editions and studies: SO 1418-1423, e.g. in *Amoen. acad., Camper ed.* 1(11): 299-332. 1749, *Amoen. acad.* 1(6): 141-171. 1749, *Amoen. acad., Schreber ed.* 1(6): 141-171. 1749.

4733. S.D.L.N. *Hortus upsaliensis* quem cum consensu ampliss. Facult. medicae, in regio ad Salam Lyceo, sub praesidio ... Caroli Linnaei, ... publicae disquisitioni subjicit Samuel Nauclér, ... Helsingus. In Audit. carol. maj. ad. d. xvi. Decemb. anni mdccxlv. Horis ante

meridiem solitis. Upsaliae [1745]. Qu. (*Hort. upsal.*), (SO 1424, KR 123(a), STR 5042).
Publ.: 16 Dec 1745, p. [i-iv], [1]-45, [46-48], *pl. 1-4* (uncol. copp.). *Copies*: *MO(2)*. – Different from the *Hort. upsal.* 1748, q.v. – See SO 1424 for several notes (e.g. on the Linnaean thermometer) and 1425-1429 for further editions and translations, e.g. *Amoen. acad., Camper ed.* 1(2): 20-60. 1749, *Amoen. acad.* 1(7): 172-210. 1749, *Amoen. acad., Schreber ed.* 1(7): 172-210. 1787.

4734. D. D. Dissertatio botanica de *Passiflora*, quam cum consensu amplis. Facult. medicae, in Reg. Acad. Upsaliensi, praeside, ... Carolo Linnaeo, ... publice ventilandam sistit Johannus Gustavus Hallman, fil. Holmensis. In Audit. carol. majori ad diem xviii decemb. Horis ante meridiem solitis. Anni mdccxlv. Holmiae [Stockholm] (Typis Laurentii Salvii) [1745]. Qu. (*Passiflora*), (SO 1430, KR 53, STR 4953).
Publ.: 18 Dec 1745, p. [i-iv], [1]-37, 38, *1 pl.* (uncol. copp. Joh. Göstaf Hallman delin.). *Copies*: MO(2) – Other eds.: *Amoen. acad., Camper ed.* 1(9): 244-279. 1749, *Amoen. acad. 1(8): 211-242. 1749, Amoen. acad., Schreber ed.* 1(8): 211-242. 1787.

4735. Dissertatio botanica de *Anandria*, quam amplissima Fac. med. consent. & adprob. in Regia Academia Upsaliensi, sub praesidio ... Caroli Linnaei, ... curiosis modeste sistit ... Erland. Zach Tursén, Wexionia smolandus. In Audit. carolino majori die xx. Decembris, ann. mdccxlv. Upsaliae [1745]. Qu. (*Anandria*), (SO 1434, KR 54, STR 4920).
Publ.: 20 Dec 1745, p. [i-iv], [1]-15, [16]. *Copy*: MO. – Further eds.: *Amoen. acad., Camper ed.* 1(6): 161-179. 1794, *Amoen. acad.* 1(9): 243-259. 1749, *Amoen. acad., Schreber ed.* 1(9): 243-259. 1787. For German transl. see SO 1438. – *Anandria* was a taxon descr. by Siegesbeck as an example contradicting the sexuality of plants. Linnaeus (1753) put it in *Tussilago*; the name was taken up by Lessing 1830 (ING 1: 78).

4736. D. D. Dissertatio botanica in qua *Acrostichum*, consensu ampliss. Facult. medicae in regia Academia upsaliensi, praeside ... Carolo Linnaeo, ... curiosorum oculis modeste subjicit Johann Benjamin Heiligtag, Blekingus. In Audit. carol. maj. ad. d. xxiii. Decemb. anni mdccxlv. Horis ante meridiem solititis. Upsaliae [1745]. Qu. (*Acrostichum*), (SO 1439, KR 42, STR 4853).
Publ.: 23 Dec 1745, p. [i-iv], [1]-17, *1 pl.* (uncol. copp. J. G. Hallman; often missing). *Copy*: MO. – Other eds.: *Amoen. acad., Camper ed.* 1(5): 144-160. 1749, *Amoen. acad.* 1(10): 260-276. 1749, *Amoen. acad., Schreber ed.* 1(10): 260-276. 1787.

4737. Carl Linnaei ... *Öländska och Gothländska Resa* på riksens höglofliga ständers befallning förrättad ähr 1741. Med anmärkningar uti oeconomien, naturalhistorien, antiquiteter &c. ... Stockholm och Upsala (hos Gottfried Kiesewetter) 1745. Oct. (*Öländ. Gothl. Resa*). (SO 202, KR 91, STR 5574).
Publ.: 1745, p. [i-xiv], [1]-344, [1-28, index], [1-2, err.], *1 pl.*, 2 maps. *Copies*: MO, USDA. – For other editions and translations see SO 203-208.
English translation: Jun, Nov 1973, by M. Åsberg and W. T. Stearn, Biol. J. Linn. Soc. 5: 1-107. Jun 1973, 109-220, i-viii. Nov 1973. Introduction by W. T. Stearn on p. 1-17. – STR 5512.

4738. D.D. *Sponsalia plantarum*, quae cum consensu ampl. Facult. medicae in Regia Acad. Upsaliensi, sub praesidio ... Caroli Linnaei, ... speciminis academici loco, publico bonorum examini submittit Johannes Gustavus Wahlbom, Calmariensis, in Audit. carol. majori die [mss.: xi] Junii anni mdccxlvi. Horis, ante meridiem, consuctis. Stockholmiae (typis Laurentii Salvii) [1746]. Qu. (*Spons. pl.*). (SO 1447, KR 156, STR 5223).
Publ.: 11 Jun 1746, p. [i-viii], [1]-60, [1-2], *1 pl.* (uncol. copp. A.C. sculpsit). *Copies*: MO(3). For studies and other eds. see SO 1448-1460, e.g. *Amoen. acad., Camper ed.* 1(3): 61-109. 1749, *Amoen. acad.* 1(12): 327-380. 1749, *Amoen. acad., Schreber ed.* 1(12): 327-380. 1787.

4739. B.c.D. *Vires plantarum*, dissertatione academica, cum cons. ampliss. Facult. medicae in Regia Academia Upsaliensi sub praesidio ... Caroli Linnaei, ... examini publico subjectae a Friderico Hasselquist, O. – Gotho, ... in Auditor. gustaviano, die [mss.: xx] Junii anni mdccxlvii. Horis ante meridiem solitis. Upsaliae [1747]. Qu. (*Vires pl.*). (SO 1461, KR p. 273, no. 1; TL-2/2458, STR 5261).
Author of text (fide Krok): Fredric Hasselquist (1722-1752), see TL-2/2: 93-94.

Publ.: 20 Jun 1747, p. [1]-37, [38-40]. *Copies*: MICH, MO, NY. – Later publ.: SO 1462-1468, e.g. *Amoen. acad., Camper ed.* 1(14): 389-428, *Amoen. acad.*, 1(14): 418-453. 1749, *Amoen. acad., Schreber ed.* 1(14): 418-453. 1787.
Swedish translation: 1970, by T. Fredbärj and A. Boerman, Valda afh. C. v. Linné no. 57. – STR 5256.

4740. Caroli Linnaei, ... *Flora zeylanica* sistens plantas indicas Zeylonae; quae olim 1670-1677. lectae fuere à Paulo Hermanno, ... demum post 70 annos ab Augusto Günthero ... orbi redditae; hoc vero opere revisae, examinatae, determinatae & illustratae generibus certis, differentiis specificis, synonymis propriis, descriptionibus compendiosis, iconibus paucis. Holmiae [Stockholm], (Sumtu & literis Laurentii Salvii) 1747. Oct. (*Fl. zeyl.*). (SO 420, KR 14, STR 5342).
Collector: Paul Hermann (1646-1695), TL-2/2: 171-172.
Publ.: Jun 1747, p. [1]-19, [20-28], 1-240, [1-20, index], *appendix*: Nova genera: [1]-14, [1, index], *pl. 1-4* (uncol. copp.). *Copies*: BR, G, US(2), USDA; IDC 2335. – The Hermann collections upon which this *Fl. zeyl.* is based are at BM (see sub Herman).
Appendix:*Nova genera plantarum zeylanicarum*, nuper edita in diss. acad. sub praesidio auctoris per C. M. Dassaw, heic compendiose proposita. – This text reproduces the Ceylonese genera in the dissertation *Nova plantarum genera* of 15 Jun 1747. See below.
Amsterdam ed.: 1748, p. [1]-19, [20-28], 1-240, [1-20, index], *appendix* Nova genera: [1]-14, [1, index], *pl. 1-4* (id.). *Copies*: BR, MO, U. – Prostat Amstelaedami [Amsterdam], (Apud J. Wetstenium), 1748. Oct. – See SO 423.
Ref.: Dandy, J. E., The Sloane herbarium 137-138. 1958.
Lourteig, A., Taxon 15: 23-33. 1966.
Trimen, H., J. Linn. Soc. Bot. 24: 129-155. 1887.

4741. Q.D.B.V. *Nova plantarum genera*, quae, cum consensu ampl. Facult. medicae in Regia Acad. Upsaliensi. Praeside, ... Carolo Linnaeo, ... Speciminis academici loco, publico bonorum examini submittit Carolus Magnus Dassow, Stockholmiensis. In Audit. gustaviano die [mss.: 15] Junii anni mdccxlvii. Horis, ante meridiem, consuetis. Holmiae [Stockholm] (Typis Laurentii Salvii) [1747]. Qu. (*Nova pl. gen. I*). (SO 1469, KR 4a, STR 5101).
Publ.: 15 Jun 1747, p. [i-vi], [1]-32, [1-2]. *Copies*: MO(2). – For further eds. see SO 1470-1474, e.g. *Amoen. acad., Camper ed.* 1(4): 110-143. 1749, *Amoen. acad.* 1(13): 381-417. 1794, *Amoen. acad., Schreber ed.* 1(13): 381-417. 1974. – See also under *Flora zeylanica* (above, TL-2/4740). – The two extra pages in the dissertation contain a *Corollarium* which is a commentary on chapter 12 of the *Fund. bot.*; see TL-2/4710 and SO.

4742. Caroli Linnaei ... *Systema naturae* in quo natura regna tria, secundum classes, ordines, genera, species. Systematice proponuntur. Recusum et societatis, quae impensas contulit, usui accomodatum curante Mich. Gottl. Agnethlero Saxone transilvano. Editio altera auctior et emendatior. Halae magdeburgicae [Halle a.S.] 1747. Oct. (*Syst. nat. ed. 5*) (SO 50, STR 5930).
Editor: Michael Gottlieb (von) Agnethler (1719-1752) from Hermannstadt, Transilvania. (see ADB 1: 140).
Publ.: 1747, p. [1]-87, [88]. *Copy*: MO. – A German edition with German vernacular names, of the second edition.

4743. Q.D.B.V. *Flora oeconomica*, quam, ex consensu ampliss. Facult. medicae ... praeside, ... Carolo Linnaeo, ... speciminis academici loco, placidae disquisitioni modeste submittit ... Elias Aspelin, smolandus. In Audit. carol. maj. die xxv Junii anni mdccliix. Horis, ante meridiem, consuetis. Upsaliae [1748]. Qu. (*Fl. oecon.*) (SO 1490, KR p. 62, no. 1, STR 5005).
Author of text: Elias Aspelin (fide KR) (1721-1795).
Publ.: 25 Jun 1748, p. [i-viii], [1]-30. *Copies*: MO, US, USDA. – For further editions and translations see SO 1491-1499: *Amoen. acad., Camper ed.* 1(13): 352-388. 1749, *Amoen. acad.* 1(17): 509-539, 1749. *Amoen. acad., Schreber ed.* (*1:(17): 509-540. 1787. – See BL 2: 512 for some further details.*
Note: deals with the economic uses of Swedish plants.
Unlisted reprint: *in* P. J. Buc'hoz, *Manuel économique des plantes*, ... Paris 1800, p. 319-339. (See M. Guédès, J. Soc. Bibl. nat. Hist. 9(1): 42-52. 1978.

4744. D.F.G. Specimen academicum de *Curiositate naturali* quod cons. ampl. Facult. med. in Regia Acad. Upsaliensi, sub praesidio ... Carolo Linnaei ... publicae curiosorum censurae modeste submittit. Olaus Söderberg ... Dalia-Vermelandus in Audit. carol. maj. ad. d. [mss.: 30] Junii mdccxlviii. H.A. [changed to P] M. C. Holmiae [Stockholm] (typis Laurentii Salvii) [1748] (*Curios. nat*). Qu.(SO 1500, STR 4926).
Publ.: 30 Jun 1748, p. [i-vi], [1]-25, [26]. *Copy*: MO. – For further editions etc. see SO 1501-1506, *Amoen. acad.*, *Camper ed.* 1(15): 429-453. 1749, *Amoen. acad.*, 1(18): 450-563, *Amoen. acad. Schreber ed.* 1(18): 541-563. 1787.

4745. Caroli Linnaei ... *Systema naturae* sistens regna tria naturae, in classes et ordines genera et species redacta tabulisque aeneis illustrata ... editio sexta, emendata et aucta. Stockholmiae (Impensis Godofr. Kiesewetteri) 1748. Oct. (*Syst. nat. ed. 6*) (SO 51, KR 1, STR 5931).
Publ.: Aug 1748, p. [i-iv], [1]-224, index [1-19], *pl. 1-8* with text: [1-8]. *Copy*: MO. – The third edition revised by Linnaeus himself.

4746. Caroli Linnaei ... *Hortus upsaliensis*, exhibens plantas exoticas, horto upsaliensis academiae a sese illatas, ab anno 1742, in annum 1748, additi differentiis, synonymis, habitationibus, hospitiis, rariorumque descriptionibus, in gratiam studiosae juventutis, vol. i. Stockholmiae (Sumtu & literis Laurentii Salvii) 1748. Oct. (*Hort. upsal.*) †. (SO 424, KR 123, STR 5413.)
Publ.: 1748 (p. [vii]: 26 Apr 1748), p. [i-x], [1]-306, [1-40, index, err.], *pl. 1-3* (uncol. copp.). *Copies*: MO(2), Teyler, US, USDA; IDC 568. – For the history of the garden see the Linnaean dissertation *Hortus upsaliensis*, quem ... subjicit Samuel Nauclér ad. d. xvi. decemb. anni mdccxlv; for further references see SO 426-429.
Amsterdam issue: 1748, p. [i-x], 1-306, [1-40], *pl. 1-3*. *Copies*: HU, MO. – " ... juventutis. Prostat Amstelaedami [Amsterdam], (apud J. Wetstenium) 1748. Oct. – SO 425, STR 5414, HU 533 (analytical collation). Actually a special issue of the Stockholm original with a substitute title.
Ref.: Juel, H. O., Hortus linneanus. An enumeration of plants cultivated in the botanical garden of Uppsala during the Linnaean period, 1919, 127 p.

4747. Caroli Linnaei ... *Systema naturae* sistens regna tria naturae, in classes et ordines genera et species redacta tabulisque aeneis illustrata ... secundum sextam Stockholmiensem emendatam & auctam editionem. Lipsiae (Impensis Godofr. Kiesewetteri) 1748. (*Syst. nat. ed. 7*) (SO 52, STR 5932).
Publ.: 1748, frontisp. portr. Linnaeus [in some copies, engraved, uncol., "J. M. Bernigeroth sc. Lips. 1749", sic], p. [i-iv], [1]-224, index [1-22], *pl. 1-8* with text: [1-8]. *Copies*: G, MO(2). – Reprint of ed. 6 with German names. The portrait also occurs in some copies of the *Philos. bot.* (1751). – Sandberg (7) reports a copy with 10 p. preliminary matter.
Italian ed. of Regnum vegetabile: see Manetti (1756) (TL-2/5340; SO 65, STR 5855).

4748. D. A. *Lignum colubrinum* leviter delineatum, ex consensu ampliss. Facult. med. in Reg. Academia Upsaliensi, praeside ... Carolo Linnaeo, ... pro gradu doctoris rite obtinendo, publico examini submittit ... Johan. Andr. Darelius, W. – Gothus. In Audit. carol. maj. ad diem xi. Mart. anni mdccxlix. H.A. & P.M.S. Upsaliae [1749]. Qu (*Lign. colub.*). (SO 1531, KR 59, STR 5067).
Publ.: 11 Mar 1749, p. [1]-22. *Copies*: MO(2), USDA. – Further eds.: SO 1532-1537; *Amoen. acad.* 2(21): 100-125. 1751, ed. 2. 2(21): 89-111. 1762, ed. 3. 2(21): 100-125. 1787.

4749. D.A. *Gemmae arborum*, quas ... examinandas sistit ... Petrus Löfling, ... Upsaliae [1749]. Qu. (*Gemmae arb.*). (SO 1556; KR 115 and p. 482, no. 1, STR 5024).
Author: Pehr Löfling (1729-1756), see TL-2/4920 for further details.

4750. D.D. *Pan svecicus*, quem, consensu ampliss. Facult. med. in Reg. Acad. Upsaliensi, praeside ... Carolo Linnaeo, ... publico examini modeste submittit Nicolaus L. Hesselgren, Wermelandus. In Audit. Carol. major. ad diem ix. Decemb. anni mdccxlix. Horis, ante meridem [sic], consuetis. Upsaliae. [1749]. Qu. (*Pan svec.*), (SO 1565, KR 108, STR 5166).
Publ.: 9 Dec 1749, p. [i-iv], [1]-38. *Copies*: MO, USDA. – For further eds. and commentaries

see SO 1566-1584a; *Amoen. acad.* 2(25): 225-262. 1751, *Amoen. acad., Schreber ed.* 2(25): 225-262. 1787. See also J. Ramsbottom, Trans. bot. Soc. Edinburgh 38: 151-167. 1959 (STR 8631, sub Stillingfleet).

4751. Caroli Linnaei . . . *Materia medica,* Liber I. de plantis. Secundum genera, differentias, synonyma, loca, durationes, culturas, nomina, simplicia, praeparata, qualitates, modos, potentias, vires, usus, composita, digestus . . . Holmiae [Stockholm] (typis ac sumptibus Laurentii Salvii) 1749. Oct. (*Mat. med.*) (SO 968, KR 98, STR 5539).
Publ.: 1749, frontisp., p. [i-xxxii], 1-252, *1 pl. Copy*: USDA; IDC 170. – See Sotheby 461.
Amsterdam ed.: 1749, p. [i-xxx], 1-252, *1 pl.*, n.v. see SO 970.
Further editions: see under J. C. D. Schreber and SO 972-978.

4752. Caroli Linnaei . . . *Amoenitates academici,* seu dissertationes variae physicae, medicae, botanicae antehac seorsim editae nunc collectae et auctae cum tabulis aeneis, accedit hypothesis nova de febrium intermittentium causa. Volumen primum. Lugduni Batavorum [Leiden] (apud Cornelium Haak) 1749. Oct.† (*Amoen. acad., Camper ed.*). (SO 1279, KR 168, STR 4673).
Editor: Peter Camper (1722-1789), see TL-2/1: 430.
Publ: 1749, p. [i-vi], [1]-610, [1-9], *15 pl. Copies*: MO(2), US, USDA. – page 176 misnumbered 164. This edition remained unfinished; see SO 1279 for further details.
Note: For a general note on the *Amoenitates* and the Linnaean dissertations see below, *Amoen. acad.*, [Linnaeus edition] 1749-1769.

4753. Caroli Linnaei . . . *Amoenitates academicae* seu dissertationes variae physicae, medicae botanicae antehac seorsim editae nunc collectae et auctae cum tabulis aeneis . . . Holmiae [Stockholm] et Lipsiae [Leipzig] (apud Godofredum Kiesewetter) 1749[-1769], 7 vols. Oct. (*Amoen. acad.*) [Linnaeus edition] (SO 1200, KR 168, STR 4674).

Note: For the involved bibliography of the various series and editions see Soulsby. The *Amoenitates* are reprints of the Linnaean dissertations. For purposes of plant taxonomy and nomenclature it will usually be necessary to consult the original dissertations rather than the reprints in the *Amoenitates* since quite a few changes and additions occur. For a discussion of the authorship of the Linnaean dissertations see Stearn 1957 (pp. 51-64) who reprints also Lidén's list of dissertations (1778) and who cites the main studies on the dissertations and amoenitates. Krok (Bibl. bot. suecana p. 460-461) gives a list of the Linnaean dissertations which were certainly or probably written by the respondents themselves. Rickett (1955) and Stearn (1957) come to the following important conclusion: "ascription of a name to an authority, is, after all, a convention, its object being to clarify the application of the name"; and for convenience, as well as for historical reasons, the *names first published in the Linnaean dissertations,* in the original theses no less than in the amended *Amoenitates academicae* versions, *should be attributed to Linnaeus* and to him alone." In our treatment we follow Krok's attributions because in most cases he bases them on the appearance of the designation "auctor" on the t.p. or elsewhere in the publication, clearly pointing to the *defendens*. The great majority of the Linnaean dissertations must, as Stearn and Rickett state, be attributed to Linnaeus himself.

1: autumn 1749, p. [i-iv], [1]-563, *pl. 1-17* (uncol. copp.). *Copy*: MO. – SO 1282.
2: Nov 1751, p. [i-iv], [1]-478, *pl. 1-4* (id.). – Holmiae (apud Laurentium Salvium) 1751. *Copies*: MO(2), US; IDC 158. – SO 1285. – *Other editions*:
Amsterdam ed.: 1752, p. [i-iv], [1]-478, *pl. 1-4* (id.). *Copy*: MO. – SO 1286, STR 4685. – Prostat Amstelaedami [Amsterdam] (apud J. Wetstenium) 1752. Oct.
Editio secunda revisa et aucta: 1762 (pref. 25 Aug 1762), [i-vi], [1]-444, *pl. 1-4* (id.). *Copy*: USDA. – SO 1287, STR 4677. – Holmiae (Impensis direct. Laurentii Salvii) 1762. Oct.
Editio secunda, Amsterdam ed.: 1764, p. [i-ii], [1]-444, [1-2], *pl. 1-4* (id.). *Copy*: USDA. – SO 1288, STR 4686. – Lugduni batavorum (apud Wetstenium) 1764. Oct.
Editio Tertia: see *Amoen. acad., Schreb. ed.*
3: Sep 1756, p. [i-iv], 1-464, *pl. 1-4* (id.), chart. *Copies*: MO(2), US, USDA. – SO 1291. – Holmiae (Sumtu &literis Laurentii Salvii) 1756. Oct. – Contains binary names for taxa in several pre-1753 diss. *Other editions*:

Amsterdam ed.: 1756, p. [i-iv], 1-464, *pl. 1-4* (id.), chart. *Copy*: MO. – SO 1292, STR 4687. – Amstelaed. & Lugd. bat. (apud Wetstenium) 1756. Oct.
Stockholm reprint: 1764, p. [i-ii], 1-464, *pl. 1-4*. *Copy*: USDA. – SO 1293, STR 4679. – Holmiae (Sumtu & literis direct. Laurentii Salvii) 1764. Oct. See Rothmaler 1943.
Editio secunda: 1787, see *Amoen. acad., Schreb. ed.*

4: Nov 1759, p. [i-iv], 1-600, *pl. 1-4* (id.). *Copies*: MO(2), US, USDA. – SO 1296, STR 4680. – Holmiae (Sumtu & literis direct. Laurentii Salvii) 1759. Oct. See Rothmaler (1943) for various nomenclatural differences with original diss. *Other editions*:
Leiden ed.: 1760, p. [i-iv], [1]-600, *pl. 1-4* (id.). *Copies*: MO(2). – SO 1297, STR 4689. – Lugduni batavorum (apud Wetstenium) 1760. Oct.
Editio secunda: 1788, see *Amoen. acad., Schreb. ed.*

5: Sep 1760, p. [i-iv], [1]-483, [484-486, index diss. 1-5], *pl. 1-3* (id.). *Copies*: MO, US. – SO 1300, STR 4681. – Holmiae (as in *4*) 1760. Oct. *Other editions*:
Leiden ed.:1760, p. [i-iv], [1]-483, [484-486], *pl. 1-3* (id.). *Copies*: MO(2), USDA. – SO 1301, STR 4688. – Lugduni batavorum (apud Wetstenium) 1760. Oct.
Editio secunda: 1788, see *Amoen. acad., Schreb. ed.*

6: Oct 1763, p. [i-iv], [1]-486, *5 pl.* (id.). *Copies*: MO, US. – SO 1304,STR 4682. – Holmiae (as in *4*) 1763. Oct. *Other editions*:
Leiden ed.: 1764, p. [i-iv], [1]-486, *5 pl.* (id.). *Copies*: MO(2), USDA. – SO 1305, STR 4690. – Lugduni batavorum (apud Wetstenium) 1764. Oct.
Editio secunda: 1789, see *Amoen. acad., Schreb. ed.*

7: Dec 1769, p. [i-iv], [1]-506, [1-2, err.], *pl. 1-7*, chart. *Copies*: MO(2). – SO 1308, STR 4683. – Holmiae (as vol. 4) 1769. Oct. *Other editions*:
Leiden ed.: 1769, p. [i-iv], [1]-506, [1-2, err.], *pl. 1-7*, chart, n.v. – STR 4691.
Editio secunda: *1789*, see *Amoen. acad., Schreb. ed.*

Reprint of collected botanical dissertations and orations, 1731-1776, in preparation for publication by Asher., Amsterdam.

Ref.: Jackson, B. D., J. Bot. 51: 101-103. 1913.
Lidén, Catalogus disputationum in academiis et gymnasiis sueciae 1: 309-320. 1778.
Nordenstam, B., Bot. Notiser 114: 276-280. 1961.
Pulteney, R., General view writings Linnaeus ed. 2. 352-490. 1805 (abstracts contents diss.).
Rothmaler, W., Repert. Sp. nov 49: 272-281. 1940, 50: 68-78. 1941, 52: 176-178. 1943.
Rickett, H. W., Lloydia 18: 49-60. 1955 (notes on the Linnaean dissertations).
Stearn, W. T., An introduction ... pp. 51-64 (1957).

4754. Caroli a Linné ... *Amoenitates academicae* seu dissertationes variae physicae, medicae botanicae antehac seorsim editae nunc collectae et auctae cum tabulis aeneis. Volumen primum [-decimum]. Editio tertia [c.q. secunda] curante D. Jo. Christiano Daniele Schrebero ... Erlangae (sumtu Jo. Jacobi Palm) [1785-]1787 [-1790]. Oct. (*Amoen. acad., Schreb. ed.*).
(SO 1281, KR 168, STR 4692).
Editor: Johann Christian Daniel [von] Schreber (1739-1810).
Schreber added to some of the texts and provided new plates (redrawn) in some cases.
Publ.: 10 vols. *Copies*: MO, U, USDA.

1: 1787 (p. [iv]: 1 Mai 1787), p. [i-vi], [1]-571, *pl. 1-17*.
2: 1787, p. [i-iv], [1]-472, [1-2], *pl. 1-4*.
3: 1787, p. [i-iv], [1]-464, [1-2], *pl. 1-4*. Editio secunda.
4: 1788, p. [i-iv], [1]-600, [1-2], *pl. 1-4*. Editio secunda.
5: 1788, p. [i-iv], [1]-483, [484-490], *pl. 1-3, 6* (or B, in index; new], editio secunda.
6: 1789, p. [i-iv], [1]-486, [1-3], *pl. 1-5* (plate *3* was issued with vol. 7: plate *6* of vol. 5 was actually issued with this volume), editio secunda.
7: 1789, p. [i-iv], [1]-506, [1-4], *pl. 1-7*. Editio secunda.
8: 1785, p. [i-iv], [1]-332, [1], *pl. 1-8*. First edition.
9: 1785 (p. [v]: Non. Aug 1785), p. [i-vi], [1]-331. First edition.
10: 1790 (p. [vi]: 26 Mar 1790), p. [i]-vi, [1]-172 (as "148"), [Linnaeus fil.:] [i, iii], [1]-131, *pl. 1-6*. "... accedunt Caroli a Linné fil ... Dissertationes botanicae ..." First edition.

4755. *Selectae ex amaenitatibus academicis Caroli Linnaei, dissertationes* ad universam naturalem historiam pertinentes, quas edidit, et additamentis auxit L. B. e S. I. ... Graecii [Graz] (sumtibus Josephi Mauritii Lechner, ... Typis haeredum Widmanstadii.) 1764. Qu. (*Sel. amoen. acad.*). (SO 1324, KR 168, STR 5873).
Editor: Leopold Gottlieb Biwald (1731-1805), "L. B. e. S. I.": Leopold Biwald e Societate Jesu.
Publ.: 1764, p. [i-viii], 1-316, *3 pl. Copy*: MO. – *Other editions*:
Other quarto issue: 1764, [xiv], 316 p., *3 pl.* See Widder as 1324a.
Later state: 1767, [xii], 316 p., *3 pl.* See Widder as 1324b.
Octavo issue: 1764, 285 p., *3 pl.* See SO 1325 and Widder.
Octavo issue (2): 1764, [viii], 285, *3 pl.* See Widder as 1325a.
Octavo: 1786, only mentioned by SO (sub 1325), but no copies known.
Continuatio: *1766*, p. [i-vi], [1]-297, *pl. 1-3. Copy*: MO. – SO1326, STR 4812.–*Continuatio selectarum ex amoenitates academicis Caroli Linnaei dissertationum* ad Universam naturalem historiam pertinentium, quas edidit, et additamentis auxit L. B. e. S. I. Graecii (sumtibus Josephi Mauritii Lechner, ... Typis Haeredum Widmanstadii) 1766. Qu. (*Sel. amoen. acad., cont.*).–*Other states*: *state 2*: 1766, without "assertiones", see Widder, 1326A.
Pirated ed.: 1766, see SO 1327 and Widder.
State 3: 1773, see Widder 1327a.
Continuatio altera: 1769, p. [i-viii], [1]-277, *3 pl. Copy*: MO. – SO 1328, STR 4811. – *Continuatio altera selectarum ex amoenitatibus academicis Caroli Linnaei dissertationum.* Quas edidit, et additamentis auxit L. B. e. S. I. Graecii (Sumtibus Josephi Mauritii Lechner, ... Typis Haeredum Widmanstadii) 1769. Qu.
State 2: *1769*, without dedication and assertiones. See Widder 1328a.
States 3-5: 1769-1774, see Widder 1328b-f.

NOTE: For an exhaustive description of these editions with all variants and for further details see F. Widder, Bot. Jahrb. 86: 186-208. 1967.

4756. Caroli Linnaei *Amoenitates academici* seu dissertationes botanicae antehac seorsim editae, nunc primum methodice dispositae & auctae, cum tabulis aeneis. Curante Joan. Emman. Gilibert, ... Tomus I. [II.] Coloniae allobrogum [Genève] (sumtibus Piestre & Delamollière) 1786. Oct. (*Amoen. acad., Gilibert ed.*). (SO 1330, KR 168, STR 4703).
Editor: Jean Emmanuel Gilibert (1741-1814), see TL-2/1: 942-944.
Publ.: 1782, 2 vols. *Copy*: MO. – Also published in Gilibert, Syst. pl. Eur. tom. 5, 6; TL-2/2014.
1: [i*, iii*], [i]-lxxvi, [1]-604, [1-4], *pl. 1-4.*
2: [i, iii], [1]-732, 1-52.

4757. D. A. Dissertatio botanica sistens *Splachnum*, quam suffragante ampliss. facult. med. in Regio Athenaeo upsaliensi, praeside ... Caroli Linnaeo, ... publicae censurae modeste subjicit Laur. Montin ... in audit. Carol. maj. die [mss.: 28] Martii anni mdccl. h. a. m. s. Stockholmiae (Typis Laurentii Salvii) s. d. Qu. (*Splachnum*). (SO 1589, KR p. 504, no. 1, STR 4703).
Author (fide KR): Lars Jonasson Montin (1723-1785).
Publ.: 28 Mar 1750, p. [i-iv], [1]-15, [16, expl. pl.], *1 pl.* (uncol. copp. Joh. Gane). *Copies*: H, MO, NY, US, USDA. – See further SO 1590-1595 and TL-2/6162.

4758. D. D. *Semina muscorum* detecta, suffragio nobiliss. medicorum ord. in Reg. Acad. Upsal. Praeside ... Carolo Linnaeo ... publicae disputat. in Aud. Carol. maj. d. xxv Apr. H. A. M. S. habendae comm. ... Petrus Jonas Bergius, smolandus. Upsaliae 1750. Qu. (*Semina musc.*). (SO 1596, KR 44, STR 5213).
Defendens: Peter Jonas Bergius (1730-1790), (see TL-2/1: 190-191) who should not be regarded as the author.
Publ.: 25 Apr 1750, p. [i-vi], [1]-18 (with engraved frontisp. on t.p. of "semina muscorum"). *Copy*: MO. further eds.: SO-1597-1602, e.g. *Amoen. acad.* 2(27): 284-306. 1752, ed. 2. 2(27): 261-280, *Amoen. acad., ed. Schreber* 2(27): 284-306. 1787.

4759. D. D. *Plantae rariores camschatcenses.* Quas consensu ampliss. Facult. med. in Reg. Acad. Upsal. praeside ... Carolo Linnaeo, ... speciminis academici loco, publico examini

modeste submittit Jonas P. Halenius, Uplandus. In Audit. carol. major. ad. d. xxii Dec. anni mdccl. H. A. M. S. Upsaliae [1750]. Qu. (*Pl. camsch.*). (SO 1612, KR 15, STR 5186). *Publ.*: 22 Dec 1750, p. [i-iv], [1]-30, *1 pl.* (uncol. copp. J. Gane). *Copy*: MO. – For further eds. see SO 1612-1617, e.g. *Amoen. acad.* 2(29): 332-364, ed. 2. 2(29): 306-334, *Amoen. acad. Schreber ed.* 2(29): 332-364. 1787.

4760. Caroli Linnaei . . . *Philosophia botanica* in qua explicantur fundamenta botanica cum definitionibus partium, exemplis terminorum, observationibus rariorum, adjectis figuris aeneis. Cum privilegio. Stockholmiae, (Apud Godofr. Kiesewetter) 1751. Oct. (*Philos. bot.*). (SO 437, KR 138, STR 5669).

1. *Orig. ed.*: Dec 1750, p. [i-vi], [1]-362, *pl. 1-9* (*pl. 10* = p. 307, *pl. 11* = p. 309) (uncol. copp. I. G. Hallman del.). *Copies*: FH, HH, HU, MO, NY, U-V, US(2), USDA. – SO 437 mentions a portrait in some copies; this is the portrait by J. M. Bernigeroth, Leipzig 1749 which was e.g. also included in Syst. nat. ed. 7. None of the copies seen by us had this portrait. – The *Philosophia botanica* is essentially an elaboration of the *Fundamenta botanica* of 1736 with some inclusions from the *Oratio de telluris habitabilis incremento* (1744) and the *Sponsalia plantarum*. Soulsby (no. 441) states that its substance formed the subject of Linnaeus's botanical lectures for 1746-1748. – An English translation "The Elements of botany" was published by Hugh Rose, London 1775 (SO 4707); an authoritative French translation was published by Fr. A. Quesné: "Philosophie botanique de Charles Linné", Rouen 1788, (see below).–For further editions and secondary references see Krok 138 and Soulsby 437a-478; an extensive commentary is given by Dahlgren. – For a recent detailed analysis of the *Philosophia* and its relation with Linnaeus's other work see F. A. Stafleu, *Linnaeus and the Linnaeans*, p. 25-78; for a bibliographical analysis see DuRietz (1965), Guèdes (1968, 1969) and HU 541.
2. *Stockholm/Amsterdam variant*: 1751, differs only in the imprint: Stockholmiae (Godofr. Kiesewetter), Amstelodami (apud Z. Chatelain). *Copy*: n.v. – This variant, which seems to be much rarer than the Stockholm issue shows no essential differences. (See DuRietz, 1965, and Guèdes 1968, 1969).–STR 5670.
3. *Reprint*: 1755, p. [i-iv], [1]-364, *pl. 1-9* (*10* & *11* in text). *Copies*: M, MO, USDA. – SO 442, STR 5673 – Viennae Austriae [Wien] (typis Joannis Thomae Trattner, . . .) 1755. Oct.
4. *Facsimile ed., first issue*: Dec 1966, colophon on p. 2 of cover, p. [i-vi], [1]-362, *pl. 1-9* (*10* and *11* in text). *Copy*: FAS. – 100 numbered copies printed "greeting the New Year of 1967" by J. Cramer in Lehre. This reproduces the variant no-2. – STR 5671.
5. *Facsimile ed., second issue*: 1966 (i. e. 1967), p. [i*-iv*], [i-vi], [1]-362, *pl. 1-9* (*10* and *11* in text). *Copies*: FAS, U.– "C. Linnaeus. *Philosophia botanica* . . . Reprint 1966 by J. Cramer, 3301 Lehre . . . ," Historiae naturalis classica tomus xlviii. ISBN 3-7682-0350-6. – STR 5672.
6. *Editio altera*: 1763, p. [1]-368, *pl. 1-9* (*10* and *11* in text). *Copies*: M, MO, USDA. – SO 443, STR 5674 (Soulsby mentions a portrait; not present in the copies seen by us.– ". . . figuris aeneis. Editio altera. Viennae Austriae [Wien]," (typis Joannis Thomae Trattner, . . .) 1763, Oct. – Soulsby (no. 443) mentions a variant with 3 extra unnumbered plates and "Typis J. T. Trattner" not seen by us. – This editio altera is essentially another reprint of ed. 1.
7. *Editio secunda*: 1780, p. [ii*: portr. Linn., iii* t.p.], [i-iv], [1]-362, *pl. 1-11* (uncol. copp.). *Copies*: FAS, M, MO, U, US, USDA. – SO 445, STR 5676.– "Caroli Linnaei . . . Philosophia botanica . . . figuris aeneis. Editio secunda in gratiam botanophilorum revisa et emendata. Curante D. Johanne Gottlieb Gleditsch [1744-1786, see TL-2/1: 951-952]. Berolini [Berlin] (impensis Christiani Friderici Himburgi) 1780. Oct.
8. *Editio secunda* [Wien]: 1783, p. [i-vi], [1]-360, *pl. 1-10* (*pl. 11* = p. 307). *Copy*: MO. – STR 5677. – ". . . aeneis. Editio secunda . . . Viennae [Wien], typis Joannis Thomae nobil. de Trattner, . . .) 1783. Oct.
9. *Editio quarta*: 1787, in J. E. Gilibert, ed., *Systema plantarum Europae*, vol. 3, 1787, p. [i*-iv*], i-xxxii, [1]-304, 307, 308, 308*, 309*, 309-362, *pl. 1-23*, [i, iii, v], 363-552, 555-594, [1-4, err.]. *Copy*: MO. – SO 447/448, STR 5678.– "Caroli Linnaei . . . Philosophia botanica, . . . aeneis. Editio quarta 1787" (no imprint).
10. *Editio quarta, Genève variant*: 1787, in id., [i*-iv*], [1-4, err.], i-xxxii, [i-iv], [1]-307, 308, 308*, 309*, 309-362, *pl. 1-13*, [1], 363-552, 555-594. *Copy*: MO. – STR 5679. – ". . . aeneis. Cui accedit Critica botanica. Editio quarta. Coloniae-Allobrogum [Genève], (sumptibus Piestre & Delamollière) 1787. Oct. – Edited by J. E. Gilibert; see SO 448.

11. *Editio tertia* [sic] *aucta et emendata* cura Caroli Ludovici Willdenow, ... Berolini (impensis Christiani Friderici Himburgi) 1790. – See under C. L. Willdenow. Contains so many changes that it should be attributed to the editor. – SO 449, STR 5681.
12. *Madrid edition*: 1792, "... Philosophia botanica, annotationibus, explanationibus, supplementis aucta cura, et opera Casimiri Gomez Ortega, ... Matriti (... viduae, et filii Petri Marin.) 1792. – See under C. G. Ortega (TL-2/7113). SO 450, STR 5682.
13. *Editio quarta*: 1809, "... Philosophia botanica, ... aeneis. Editio quarta studio Curtii Sprengel. Halae ad Salam [Halle a. S.] (sumtibus Car. Aug. Kümmel) 1809. – See under K. P. J. Sprengel. – SO 451, STR 5683.
14. *Editio aucta et emendata*: 1824, "... Philosophia botanica, in qua explicantur botanices fundamenta, studio Curtii Sprengel; editio aucta et emendata ... Tornaci nerviorum [Tournay, Doornik] (e typis Caroli Casterman-Dien) 1824. – See under K. P. J. Sprengel. – SO 452, STR 5684. – According to Tournay (1953) this edition was published by J. G. S. van Breda (1788-1867).
15. *English translation*: 1775, p. [i]-xii, [1]-472, *pl. 1-11*, app. *1-3*. *Copy*: MO. – SO 470, STR 5308. – *The elements of botany*: ... being a translation of the Philosophia botanica, ... to which is added an appendix, wherein are described some plants lately found in Norfolk and Suffolk, ... by Hugh Rose [c. 1717-1792], ... London (Printed for T. Cadell, ...) 1775. Oct. See under H. Rose for further details. For another partial translation see James Lee, *Intr. bot.* 1760, TL-2/4289, SO 453.
16. *Spanish translation*: see A. Palau y Verdèra ... parte theorica, 1778. – SO 471, STR 7241.
17. *German translation*: 1787, p. [1]-93. *Copy*: MO. – SO 472. – *Pflanzenphilosophie im Auszuge,* nach Linné's Methode ... Augsburg (in der Joseph-Wolffischen Buchhandlung) 1787. Oct. – Anonymous.
18. *French translation*: 1788, p. [i]-iv, [1]-456, [1-3, priv.; 4, err.], *pl. 1-11*. *Copies*: G, MO, Verdoorn, USDA. – SO 473, STR 5680. – *Philosophie botanique* de Charles Linné, ... dans laquelle sont expliqués les fondements de la botanique avec les définitions de ses parties, les exemples des termes, des observations sur les plus rares. Enrichie de figures. Traduite du Latin par Fr.-A. Quesné [François Alexandre Quesné (1752-1820)] ... A Paris (chez Cailleau, ... chez Leboucher le jeune, ...) 1788. Oct. (in fours). – Privilège dated 16 Mai 1788.
19. *Russian translation*: 1800, Filosofija botaniki ... Sankt peterburge, n.v., see SO 475.

Ref.: Dahlgren, K.V.O., Sv. Linné-Sällsk. Årsskr. 33-34: 1-30. 1951.
DuRietz, R., Sv. Linné-Sällsk. Årsskr. 48: 60-87. 1965 (analytical bibliographical detail; collation).
Guédès, M., J. Soc. Bibl. nat. Hist. 4(7): 385-389. 1968, 5(2): 116. 1969.
Stafleu, F. A., Linnaeus and the Linnaeans, Utrecht 1971.

4761. D. D. Dissertatio botanica qua *Nova plantarum genera* suffrag. amp. et experient. Fac. med. in illustri Acad. Upsaliensi, sub praesidio, ... Caroli Linnaei, ... publice proponit Leonhard Joh. Chenon, Vermelandus. In Aud. Carol. maj. ad. diem. xix Oct. anni mdccli horis ante meridiem solitis. Upsaliae [1751]. Qu. (*Nova pl. gen. II*). (SO 1627, KR 4b, STR 5103).

Publ.: 19 Oct 1751, p. [i], [1]-47, [48]. *Copies*: MO(2). – Further eds.: SO 1628-1631, e.g. *Amoen. acad.* 3(31): 1-27. 1756; *Amoen. acad. Schreber ed.* 3(31): 1-27. 1787. – For *Nova pl. gen. I* see above TL-2/4771, 1747.

4762. D. D. *Plantae hybridae,* quas annuent. exper. et nobiliss. Fac. med. in illustri Acad. Upsaliensi, sub praesidio, ... Carolo Linnaei, ... speciminis academici loco publicae bonorum disquisitione sistit ... Johan. J:nis Haartman, Austro-finlandus. In Aud. car. maj. ad diem xxiii. Nov. anni mdccli. Horis ante meridiem solitis. Upsaliae [1751]. Qu. (*Pl. hybr.*). (SO 1632, STR 5180).

Publ.: 23 Nov 1751, p. [i-iv], [1]-30, *1 pl.* (uncol. copp. C. Bergqvist). *Copies*: MO, US, USDA. – Other eds. SO 1633-1637, *Amoen. acad.* 3(32): 28-62. 1756, *Amoen. acad., Schreber ed.* 3(32): 28-62. 1787.

Ref.: Rothmaler, W., Chron. bot. 5(4/6): 440. 1939 (binary names in *Amoen. acad.* reprint).

4763. D.D. *Plantae esculentae patriae,* quas, ex consensu ampl. et exper. Fac. med. in illustri Acad. Upsaliensi, praeside ... Carolo Linnaeo, ... specimen academici loco publicae ventilationi submittit Johan Hiorth, Christinaehamnia wermelandus. In Aud. car. maj. d.

xxii Feb. mdcclii. Horis a.m. solitis. Upsaliae (Typis Laur. Magn. Höjer) [1752]. Qu. (*Pl. esc. patr.*). SO 1648, KR 109, STR 5178).
Publ.: 22 Feb 1752, p. [i-iv], [1]-28, [1-2]. *Copies*: MO, US, USDA. – Further eds. SO 1649-1657, e.g. *Amoen. acad.* 3(24): 74-99. 1756, *Amoen. acad., Schreber ed.* 3(34): 74-99. 1787 (with binomial species names). See also BL 2: 512.

4764. D.A.G. Specimen academicum, quo *Euphorbia* ejusque historia naturalis et medica exhibetur, consent. nobiliss. et exper. Fac. med. in illustri Acad. Upsaliensi, praeside, ... Carolo Linnaea, ... publice ventilandum sistit Johannes Wiman, Fierhundrensis. In Audit. car. maj. ad diem vi. Maji anni mdcclii. H.A.M.S. Upsaliae (excudit L. M. Höjer, R. A. Typ.) [1752]. Qu. (*Euphorbia*). (SO 1658, KR 62, STR 4987).
Publ.: 6 Mai 1752, p. [i-ii], [1]-33, [34]. *Copies*: US, USDA. – Other eds. SO 1639-1662, see also KR; e.g. *Amoen. acad.* 3(35): 100-131. 1756, *Amoen. acad., Schreber ed.* 3(35): 100-131. 1787.

4765. D.D. Dissertatio medico botanica, sistens *Rhabarbarum*, quam consensu experient. Facult. med. in Reg. Acad. Upsaliensi, sub praesidio ... Caroli Linnaei, ... publice ventilandam sistit Samuel Ziervogel, Stockholmiensis in Aud. carol. maj. d. xvii. Julii, mdcclii. H.A.M.S. Upsaliae (excudit Laur. Magn. Höjer, Reg. Acad. Typ.). Qu. (*Rhabarbarum*). (SO 1686, KR 63, STR 5206).
Publ.: 17 Jul 1752, p. [i-vi], [1]-24, *1 pl.* (uncol. copp. Joh. Gane). *Copy*: MO. – Other eds. SO 1687-1690, e.g. *Amoen. acad.* 3(40): 211-230. 1756, *Amoen. acad., Schreber ed.* 3(40): 211-230. 1787.

4766. A.D.D.O.M. Questio historico naturalis, *Cui bono?* Quam breviter solutam, consensu experientiss. Facult. medicae in illustri Academia Upsaliensi, praeside ... Carolo Linnaeo, ... ad diem xxi. Octobr. anni mdcclii, horis solitis antemeridianis, in Auditorio carolino minori publicae ventilationi modeste offert Christophorus Gedner, ... Fierhundrensis. Upsaliae (Excudit Laur. Magn. Höjer, Reg. Acad. Typ.) [1752]. Qu. (*Cui bono*). (SO 1691, STR 5200).
Publ.: 21 Oct 1752, p. [i-viii], [1]-29, [30]. *Copy*: MO. – Important general paper by Linnaeus: "To what purpose?" on the utility of natural history. Further lit.: SO 1692-1706. Repr. e.g. *Amoen. acad.* 3(4): 231-255, 1756, *Amoen. acad., Schreber ed.* 3(4): 231-255. 1787.
Ref.: Kiesenwetter, E. A. H. von, S.B. Isis 1872: 43-55.

4767. Caroli Linnaei ... *Genera plantarum* eorumque characteres naturales secundum numerum, figuram, situm, et proportionem omnium fructificationes partium quae novis lxx celeb. auctoris generibus sparsim editis locupletata, in usum auditorii recudenda curavit Christoph. Carolus Strumpff... Editio quarta. Halae magdeburgicae [Halle a.S.] (Apud Carol. Christ. Kümmel) 1752. Oct. (*Gen. pl. ed. 4*). (SO 300, KR 2, STR 5379).
Editor: Christoph Karl Strumpff (x-1754).
Publ.: 1752, frontisp. [Ehret pl. sex. syst.], p. [i]-xxxii, chart, 1-441, [442-464, index], [1-7, French index]. *Copies*: G, MO, US, USDA. – Unofficial; not prepared by Linnaeus.
Ref.: Bryk, F., Taxon 3: 178. 1954.

4768. Herr Archiaterns och Riddarens D. Caroli Linnaei *Indelning i Ört-Riket*, efter Systema naturae, på Swenska öfwersatt af Johan J. Haartman, ... Stockholm (trykt hos Lars Salvius) 1753. Oct. (*Indeln. Ört-Riket*), (*Syst. nat. ed. [8], regn. veg.*), (SO 53, STR 5420).
Translator: Johan Johansson Haartman (1725-1787), see KR p. 252 and TL-2/2:1.
Publ.: Jan-Apr 1753 (to be counted as pre-starting point in view of lack of precise information on month of publication in 1753), p. [i-iv], [1]-136, [1-8, and if glossary is present: 9-16], *pl. 1-3* (uncol. copp.). *Copy*: USDA. – Counts as ed. 8 of the regn. veg. part of the *Systema naturae*. For the parts on regn. lapid. and regn. anim. see SO 54 and 55.
Ed. 2: 1777, p. [i-ii], [1]-158, [1-16], *pl. 1-3* (id.). *Copy*: USDA. – SO 56, STR 5418.– "... och nu andra gången uplagd, ändred och tilökt efter 13: de uplagen af Systemet ... " Westerås (tryckt på Joh. Laur. Horrns bekostnad) 1777. Oct. – Based on *Syst. nat.* ed. 13. Sheets B-E. copied from 1753 ed.
Reprint ed. 2: 1976, p. [i*-iv*], facsimile: [i-ii], [1]-158, [1-16], *pl. 1-3*. *Copy*: MO. - STR 5419 – Suecica rediviva, no. 67, Bokförlaget Rediviva, Stockholm 1976, ISBN 91-7120-083-5.

4769. Caroli Linnaei ... *Species plantarum,* exhibentes plantas rite cognitas, ad genera relatas, cum differentiis specificis, nominibus trivialibus, synonymis selectis, locis natalibus, secundum systema sexuale digestas. Tomus I[II]. ... Holmiae [Stockholm] (Impensis Laurentii Salvii) 1753, 2 vols. Oct. (*Sp. pl.*). (SO 480, KR 6, STR 5898).

1. *Orig. ed.*: 1 Mai 1753 (Conventional date established by the International Code of Botanical Nomenclature, art. 13.1). The two volumes of the *Species plantarum* are regarded as having been published simultaneously on this day). *Copies*: G, HU(5), MO, US(2); IDC 158.
   1: [i-xii], 1-560.
   2: [i], 561-1200, [1-30, index], [1, err.].
   Actual dates of publication were 24 May and 16 August 1753. The *Species plantarum* (ed. 1) is the starting-point work for the nomenclature of Spermatophyta, Pteridophyta, Sphagnaceae, Hepaticae, Lichenes, Algae (except Nostocaceae, Desmidiaceae, Oedogoniaceae), Myxomycetes and Bacteria, all of Recent plants only. It is agreed to associate generic names which first appear in Linnaeus's *Species plantarum* ed. 1 (1753) and ed. 2 (1762-1763) with the first subsequent description given under those names in Linnaeus's *Genera plantarum* ed. 5 (1754) and ed. 6 (1764). This means that all generic names accepted and published by Linnaeus in the *Species plantarum,* even if not accompanied by a description, are treated as having been validly published on 1 May 1753. All these names date then from 1753 (arts. 13.4 and 41. note 1). For a detailed and elucidating study of the *Species plantarum* see Stearn's introduction to the Ray Society reprint (vol. 1, 1957). For indexes, lists of explanations of abbreviations etc., see volume 2 of that edition (1959) (especially Heller 1959). No taxonomist should nowadays use the *Species plantarum* without having a thorough knowledge of Stearn's Introduction. – See also HU 548.
2. *Variant*: 1753, vol. 1 only, with p. 75, 89-90, and 259-260 in their original state and not, as in the accepted original edition, the cancels. These pages contained several errors and were replaced by new text soon after publication. This took place before the publication of volume 2 and since both volumes have to be treated as having been published simultaneously on 1 May 1753, it is necessary (and desirable) to treat the cancelled pages as non-existent. They have no nomenclatural standing because Linnaeus did not accept them (cf. ICBN Art. 33). For further details see Bryk (1953) and Stearn (1957, pp. 136-142, with a reprint of the cancelled pages). The copies of the first state are so rare that they would have had little effect except for the circumstance that Junk used one of them for his facsimile. The Junk facsimile has now also become a rarity. (Bryk no. 3, SO 481). We have seen no orginal copy of this variant. First descriptions of this variant: Flatt, Bot. Centralbl. 66: 216-222. 1896, Jackson, J. Bot. 34: 359-362. 1896. Two copies with slightly different composition are at HU (see STR 5898).
3. *Facsimile ed.* [*A*]: 1907, ed. W. Junk, Berlin. *Copies*: FH, U, USDA. – SO 481, STR 5901. – This facsimile was made of one of the extremely rare copies of the *Species plantarum* which still contained the original pages (and not the cancels) for pp. 75/76, 89/90 and 259/260. *Cover*: Facsimile-Edition. Ed. W. Junk. No. 11. C. Linnaeus *Species plantarum* ... W. Junk (Berlin W., ...) 1907.
3. *Facsimile ed.* [*B*]: 1907, ed. W. Junk, with the replaced pages 75/76, 89/90 and 259/260. This "corrected" facsimile by Junk is mentioned only by Bryk (no. 9). Soulsby does not mention it. We have seen no copy of it.
4. *Facsimile ed.* [*C*]: 1934, ed. Shokobutsu-Bunken-Kankôkwa, Tokyo, 2 vols., facsimile in 2 vols., only addition, vol. 2, end: [1]-20, [1, colo.], all in Japanese. – *Copy*: FAS. – Bryk no. 10, STR 5903. – Published under the guidance of T. Nakai. Facsimile of orig. ed. (1).
5. *Facsimile ed.* [*D*]: 1957-1959, ed. Ray Society, London. *Copies*: FAS, U, US.
   1: 1957, p. [1], col. frontisp., [iii]-xiv, 1-176, [1-2], new preface matter and introduction by W. T. Stearn; *facsimile*: [i-xii], 1-560; new index to genera and classes [1-6]. – STR 5904.
   2: 1959, p. [i], portr. Linnaeus, [iii]-xv [xvi-xviii], new preface matter and additional remarks by W. T. Stearn; *facsimile*: [i], 561-1200, [1-30], index, [1, err.]; new: "An appendix to the Species plantarum of Carl Linnaeus by John Lewis Heller and William Thomas Stearn, The Ray Society, London 1958: [1]-148, with e.g. a new index to volumes 1 and 2. This *index* (p. 103-148) contains references to choices of lectotypes and should always be consulted for such purposes.

Further editions of the *Species plantarum* are treated individually below under their TL-/2 numbers, or under the authors quoted which are to be treated in the remaining volumes. For a bibliography see Bryk 1953.

6. *Second edition.* Species plantarum ... Editio secunda, aucta, Stockholm 1762-1763, 2 vols., published Sep 1762 and Aug 1763 (see TL-2/4817, STR 5905).
7. *Third edition.* Species plantarum ... Editio tertia. Wien 1764, 2 vols. A reprint of the second edition with the errata incorporated in the text (see TL-2/4826, STR 5906).
8. *Fourth edition.* Systema plantarum ... Editio novissima ... curante D. J. J. Reichard. Frankfurt a.M. 1779-1780, 4 parts. This consists of the *Systema vegetabilium* of 1774, the *Species plantarum* (1753) and the *Mantissa* (1767-1771) combined, and can be counted as the fourth edition of the Species plantarum [SO 11] (see under J. J. Reichard, STR 7508).
9. *Fifth edition* [e.q. *fourth*] *Species plantarum* ... Editio quarta, post Reichardianum quinta adjectis vegetabilibus hucusque cognitis curante Carolo Ludovico Willdenow. Berlin 1797-1830, 6 volumes. Oct. This is the Willdenow edition of the *Species*; an independent work which should be attributed to Willdenow (Bryk no. 18, SO 512, STR 10097; see below under C. L. Willdenow).
10. *Sixth edition.* Species plantarum ... olim curante Carolo Ludovico Willdenow. Editio sexta ... auctore Dr. Alberto Dietrich. Berlin 1831-1833, 2 vols. Oct. [half-title: editio sexta, aucta et continuata ab H. F. Link, A. Fr. Schwaegrichen et A. Dietrich]. This is the Dietrich edition; an independent work (Bryk 19, SO 529, STR 1666; see TL-2/1456).

Some *Indexes* and *Special studies* of the *Species plantarum*:

11. *Variants*: Wilhelm Junk, Linné's Species plantarum editio princeps, und ihre Varianten, mit Beschreibung einer neuen. Mit 12 Facsimile-Tafeln, Ein Jubilaeums- Epilog. Berlin W., 1907. Verlag von W. Junk, cover, p. [i], [1]-12, 12 p. fasc. of pages from orig. ed. (1) and variant (2). Extensive description of variant (2). – *Copies*: MO, NY. – SO 482, STR 5902.
12. *Index perfectus* ad Caroli Linnaei *Species plantarum,* nempe earum primam editionem, (anno 1753). Collatore Ferdinando de Mueller [Ferdinand Jacob Heinrich von Mueller, 1825-1896]. Melbourne (M'Carron, Bird & Socii impresserunt) 1880. Oct., p. [i, iii], [1]-40. *Copies*: G, KNAW, MO(2), TL-2/6418, SO 483, STR 6799.
13. *Index abecedarius*: an alphabetical index to the first edition of the "Species plantarum" of Linnaeus. Compiled by William Philip Hiern [1839-1925, see TL-2/2: 191-192], ... Issued as a supplement to the "Journal of Botany", [July] 1906. London (West, Newman & Co., ...) 1906. Oct., p. [i], [1]-44. *Copy*: MO. – SO 484, STR 3275.
14. *Indices nominum trivialium* ad: Linnaei *Species plantarum,* ed. I. Berlin (W. Junk ...) 1907. Oct., p. [i-iii], 1-92. *Copies*: MO, NY. – SO 485, STR 3807.
15. *Special studies* 1791-1929, see SO 485a-499c.
16. *Bibliography*: Th. O. B. N. Krok, Bibliotheca botanica suecana 432-433. 1925 (KR 6).
17. *Bibliography* and general studies: F. Bryk: Bibliographia Linnaeana ad Species plantarum pertinens, Taxon 2: 74-84. 1953 (STR 1067); see also other papers on the *Species plantarum* in Taxon 2: 37-73. 1953 (STR 6871).
18. *General study*: Th. Sprague et al., Proc. Linn. Soc. London 165: 151-166. 1955.
19. W. T. Stearn, *An introduction to the Species plantarum* and cognate botanical works of Carl Linnaeus. London 1957, *in* facsimile edition of Species plantarum, published by the Ray Society, vol. 1, London 1957 (STR 8572).
20. J. J. Heller, *Index auctorum et librorum a Linnaeo* (Species plantarum, 1753) *citatorum,* London 1959, *in* facsimile edition of Species plantarum published by the Ray Society, vol. 2. London 1959 (STR 3203).
21. Du Rietz, Tryckningen av Species plantarum 1753, Svenska Linné-Sällsk. Årsskr. 48: 60-87. 1966 (Analytical bibliographical studies; collation), (STR 1745).
22. *Typification of genera* in Sp. pl. ed. 1: see under Gen. pl., ed. 5, 1754 (STR 5380).
23. *Osbeck and Sp. pl.*: Hansen, B. & A. F. Fox Maule, Bot. J. Linn. Soc. 67(3): 189-212. 1973 (STR 3067).
24. *International Code of Botanical Nomenclature* (Leningrad Code) 1978, entries on *Species plantarum*:
    Art. 13.1, Starting point for Spermatophyta, Pteridophyta, Lichenes, Algae (in general), Myxomycetes.
    Art. 13.4, Generic names associated with Gen. Pl. eds. 5 and 6.

Art. 33.1, Examples of combinations definitely indicated.
Art. 41.1, See Art. 13.1
Art. 74.1, regulation correct spelling generic names if different in Gen. pl. ed. 5. – see also B. R. Baum, Taxon 17: 642-644. 1968.

Note: It is obviously impracticable to enumerate here even the main literature on the *Species plantarum*. The above-mentioned works and papers provide a guide to it. – See Taxon 2: 37-84. 1953 and Proc. Linn. Soc. London 165. 1955 for series of studies; see STR for the most recent listing of this literature.

4770. D.D. *Vernatio arborum*, quam, consent. ampliss. Facult. medica, in Regia Academia Upsaliensi, sub praesidio ... Caroli Linnaei, ... publico examini submittit, Haraldus Barck, Smolandus. In Audit. carol. maj. d. v. Maji, ann. mdccliii. H. A. M. S. Upsaliae (Exc. L. M. Höjer, Reg. Acad. Typogr.). Qu. (*Vernatio arb.*). (SO 1739, KR 116, STR 5258).
Publ.: 5 Mai 1753, p. [1]-20, chart. *Copies*: MO, US, USDA. – Other eds. SO 1740-1751 (incl. translations), e.g. *Amoen. acad.* 3(46): 363-376. 1756, *Amoen. acad.*, *Schreber ed.* 3(46): 363-376. 1787.

4771. D. D. *Incrementa botanices* proxime praeterlapsi semiseculi, quae, cum consensus experient. Facult. med. Upsal. Sub praesidio ... Caroli Linnaei, ... publicae censurae submittit Jacobus Biuur, Westmannus, in Auditorio carol. majori, die ii. Junii anno mdccliii. Horis ante merid. consuetis. Holmiae [Stockholm] (typis Laurent. Ludov. Grefing.) [1753]. Qu. (*Increm. bot.*), (SO 1752, KR 149, STR 5051).
Publ.: 2 Jun 1753, p. [i-iv], [1]-20. *Copies*: MO, USDA. – Other eds. SO 1753-1757, e.g. *Amoen. acad.* 3(47): 377-393. 1756, *Amoen. acad. Schreber ed.* 3(47): 377-393. 1787. – On the use of woodcuts in botanical illustrations. For a detailed discussion see J. J. Heller, Taxon 25: 33-52. 1976.

4772. S. C. A. *Demonstrationes plantarum* in horto Upsaliensi mdccliii. Quas consentiente experient. Facult. medica praeside, ... Carolo Linnaeo, ... in Aud. carol. maj. d. iii Octobr. mdccliii. Horis ante meridiem solitis proponit Johannes Christ. Höjer, Uplandus. Upsaliae (Excudit Laur. M. Höjer, Reg. Acad. Typ.) [1753]. Qu. (*Demonstr. pl.*). (SO 1758, KR 124, STR 4975).
Publ.: 3 Oct 1753, p. [i-viii], [1]-27, [28]. *Copy*: MO. – Further eds.: SO 1758-1762, e.g. *Amoen. acad.* 3 (48): 394-424. 1756, *Amoen. acad.*, *Schreber ed.* 3(48): 394-424. 1787. – Lists 1450 species grown in the Uppsala bot. gard. all provided with binary names.
Ref.: Rickett, H. W., Lloydia 18(2): 50, 53-55. 1955.
Rothmaler, W., Repert. Sp. nov. 49: 279-280. 1940, 52: 177. 1943 (argues that authorship should be attributed to Höjer).

4773. D. D. *Herbationes upsalienses*, quas consent. experient. Facult. medica in Regia Academia Upsaliensi, sub Praesidio ... Caroli Linnaei, ... publico examini submittit ... Andreas N. Fornander, Smolandus. In Auditorio carol. majori die xiii. Octobr. anno mdccliii. H. A. M. S. Upsaliae (Laur. M. Höjer, Reg. Acad. Typ.) [1753]. Qu. (*Herbat. Upsal.*). (SO 1763, KR 12, STR 5036).
Publ.: 13 Oct 1753, p. [1]-20. *Copies*: MO, US, USDA. – Other eds. SO 1764-1769a; *Amoen. acad. 3(49): 425-445. 1756, Amoen. acad.*, *Schreber ed.* 3(49): 425-445. 1787. – List of the plants around Uppsala on L's field trips with students.
Swedish translation: 1921, Valda avh. C. v. Linné, Sv. Linné-Sällsk., Uppsala, no. 1. (STR. 4882).
Ref.: Sernander, J. R., Sv. Linné-Sällsk. Årsskr. 9: 78-86. 1926.

4774. D. A. G. Dissertatio medico-botanica, exhibens *Plantas officinales*, quam, consens. experient. Facult. medicae in illustri Academia Upsaliensi, sub praesidio ... Caroli Linnaei, ... placidae bonorum censurae subjicit Nicolaus Gahn, ... Fahluna-Dalekarlus. In Audit. carol. maj. d. xv. Decemb. anni mdccliii. H. A. M. S. Upsaliae (Exc. Laur. M. Höjer, Reg. Acad. Typogr.) [1753]. Qu. (*Pl. off.*). (SO 1779, KR p. 236, no. 1, STR 5192).
Author: (see KR; internal evidence on last page) Nils Gahn (1733-1820).
Publ.: 15 Dec 1753, p. [i-iv], [1]-31, [32]. *Copy*: MO. – Other eds.: SO 1780-1785; e.g.

Amoen. acad. 4(51): 1-25. 1759. *Amoen. acad. Schreber ed.* 4(51): 1-25. 1788.–List of medicinal plants.
Swedish translation: 1950, Valda Avh. C. v. Linné, Sv. Linné-Sällsk., Uppsala, no. 10. (STR 5129).
Ref.: Drake, G., Sv. farmac. Tidskr. 18, 1921 (fide SO 1785).

4775. D. D. Dissertatio botanica, sistens *Stationes plantarum*, quam, consensu ampliss. Facult. medicae in Almo Upsal. Lyceo, sub praesidio, ... Caroli Linnaei, ... publice ventilandam sistit, Andres Hedenberg, Stockholmiensis. In Audit. carolin. major. d. iii Aprilis, anni mdccliv. H. A. M. S. Upsaliae (Exc. L. M. Höjer, Reg. Acad. Typ.) [1754]. Qu. (*Stat. pl.*). (SO 1799, KR 95, STR 5230).
Publ.: 3 Apr 1754, p. [i-iv], [1]-23, [24]. *Copies*: MO (2), US, USDA. – Other ed. SO 1800-1804; e.g. *Amoen. acad.* 4(54): 64-87 1759, *Amoen. acad., Schreber ed.* 4(54): 64-87. 1788.

4776. D. D. *Flora anglica*, quam cum consens. experient. Fac. medicae in Regia Academia Upsaliensi, sub praesidio ... Caroli Linnaei, ... specimini academici loco, publicae ventilationi offert Isaacus Olai Grufberg, Stockholmensis. In Auditorio carolino majori d. iii April anno mdccliv. H. A. [changed by hand to "P."] M. C. Upsaliae (Exc. Laur. Magnus Höjer, Rec. Acad. Typogr.) [1754]. Qu. (*Fl. angl.*). (SO 1805, KR 26, STR 4997).
Publ.: 3 Apr 1754, p. [i-viii], [1]-29, [30-32]. *Copies*: MO (2), US. – Other eds. SO 1806-1812, e.g. *Amoen. acad.* 4(55): 88-111. 1759, *Amoen. acad. Schreber ed.* 4(55): 88-111. 1788. "The first Linnaean arrangement of English plants, about 1000 in number, of which about 300 were not found in Sweden." (SO).
Combined reprint of Dissertation and Amoen. acad. version:
J. Bot. 47 Suppl. (1): 3:23. 1909 (transcription by W. R. Clarke; introd. by J. Britten on p. 1-2), (STR 1393). The Introduction outlines the differences between the original and the Amoenitates version. – Also published separately: "*Linnaeus's Flora anglica* ... " London (West. Newman & Co., ...) 1909, p. [1]-23. SO 1809a, STR 1394. *Copy*: G.
Facsimile ed. (of 1754 orig.): 1973, *in* W. T. Stearn, ed., John Ray, Synopsis ... 1724, Carl Linnaeus, Flora anglica 1754 & 1759. Facsimiles with an introduction by William T. Stearn, London (The Ray Society) 1973. The introduction provides a detailed discussion of the Flora anglica and updated nomenclature. – STR 7490.
Facsimile ed. (of 1759 ed. in Amoen. acad. ed. 4): 1973, *in* W. T. Stearn, ... see above.
Ref.: Britten, J., J. Bot. 47 (Suppl. (1): 1-2. 1909, 50: 312-314. 1912.
Druce, G. C., Scottish bot. Rev. 1: 154-161. 1912, J. Bot. 51: 18-21. 1913.
Rothmaler, W., Repert. Sp. nov. 49: 280-281. 1940, 52: 177. 1943 (attributes authorship to Grufberg).

4777. D. D. *Herbarium amboinenese*, quod consens. experient. Facult. medicae in Regia Academia Upsaliensi, sub praesidio ... Caroli Linnaei, ... publico examini submittit, ... Olavus Stickman, Smolandus. In Auditorio car. majori d. xi. Maji, anno mdccliv. H. A. M. S. Upsaliae (Exc. L. M. Höjer, Reg. Acad. Typ.) [1754]. Qu. (*Herb. amb.*) (SO 1813, KR 27, STR 5034).
Publ.: 11 Mai 1754, p. [i-iv], [1]-28. *Copy*: MO. – Other eds.: SO 1814-1816; *Amoen acad.* 4(56): 112-143. 1759, *Amoen. acad., Schreber ed.* 4(56): 112-143. 1788. – A commentary on Rumphius, *Herbarium amboinense*, q.v. (no. 1126), giving Linnaean synonymy; see DA (1967, p. 15) and Rickett (1955) for further details; the version in the Amoenitates (Vol. 4) is revised and extended.
Ref.: Rickett, H. W., Lloydia 18: 55-57. 1955.
Rothmaler, W., Repert. Sp. nov. 50: 68-69. 1941, 52: 178. 1943 (attributes authorship to Stickman).

4778. Caroli Linnaei ... *Genera plantarum* eorumque characteres naturales secundum numerum, figuram, situm, et proportionem omnium fructificationes partium ... Editio quinta ab auctore reformata et aucta ... Holmiae [Stockholm], (impensis Laurentii Salvii) 1754. Oct. (*Gen. pl. ed. 5*). (SO 301, KR 2, STR 5380).
Publ.: Aug 1754, p. [i*-iii*], [i]-xxxii, [1]-500, [1-21, index, 22 err.]. *Copies*: G, MO, US (3), USDA; IDC 167. – The third US copy has the Ehret plate of the sex. syst. bound in. The errata on p. [22] are to the *Species plantarum* (1753). – It is agreed (ICBN Art. 13 note1) to associate generic names which first appear in Linnaeus's *Species plantarum* ed. 1 (1753)

and ed. 2 (1762-1763) with the first subsequent description given under those names in Linnaeus's *Genera plantarum* ed. 5 (1754) and ed. 6 (1764) (cf. also Art. 41). For more detailed information on this edition of the Genera plantarum and for an explanation of the abbreviations see Stearn's introduction to the 1960 facsimile.

Facsimile ed. (*1*): 1939, as above with a loose leaf containing a colophon text in Japanese. *Copy*: FAS. – Published by Shokonutsu-Bunken-Kankôkwa, Tokyo 1939. Oct. – This edition was prepared by T. Nakai, who is also the author of an accompanying booklet in Japanese "on the japanese facsimile reprint of Linnaeus's Genera plantarum (ed. 5)" which contains a short biography of Linnaeus and explanatory notes. The edition of the facsimile and of Nakai's text numbered 400 copies (Bryk no. 9).

Facsimile ed. (*2*): 1960, p. [i]-xxiv and repr. of Ehret plate, introduction by W. T. Stearn, followed by facsimile of ed. 5 as above. *Copy*: FAS. – STR 5381. – "Carl Linnaeus Genera plantarum fifth edition 1754 with an introduction by William T. Stearn. 1960 facsimile by H. R. Engelmann (J. Cramer) and Wheldon & Wesley, Ltd., Weinheim/Bergstr. Codicote/Herts., Historiae naturalis classica, tomus iii. – The introduction by W. T. Stearn is of importance for the understanding of all editions of the *Genera plantarum*; it has e.g. an explanation of L's references; a list of secondary literature; and a chapter on the typification of Linnaean genera. – ISBN 3-7682-0014-0.

Further secondary refs.: In addition to Stearn's introduction see SO 302-304b; F. Bryk, Taxon 3: 165-183. 1954, Dandy (1967), Stafleu (1971, p. 101-103), and van Eeghen (1979).

Typification: (1) Standard-species of Linnaean genera of phanerogamae (1753-54), by A. S. Hitchcock and M. L. Green, *in* J. Ramsbottom et al., Proposals by British botanists, Int. Bot. Congr., Cambridge 1930, p. 110-199. 1929. – These choices were never accepted as an integral part of the International Code of Botanical Nomenclature. They were published choices of lectotype-species which have to be followed if they are the first and as long as they are not shown to be erroneous (ICBN Art. 8.1).

(2) W. T. Stearn provides references to choices of lectotype-species of Linnaean genera in the index, p. 103-148 appended to part 2 of the Ray Society facsimile of the *Species plantarum* (1959) (see Linnaeus, Sp. pl., 1753, no. 5). This index is now the most important list to be consulted when establishing the types of Linnaean generic names.

(3) E. R. Farr, J. A. Leussink and F. A. Stafleu, *Index nominum genericorum*, 3 vols., Utrecht/The Hague 1979, provides choices of lectotype-species based on the data provided by Stearn and others.

Ref.: Stearn, W. T., Notes on Linnaeus's "Genera Plantarum," in Gen. pl., ed. 5, facs. ed. 1960. p. v-xxiv.

Bryk, F., Taxon 3: 178-179. 1954 (collation).

Eeghen, I. H. van, Holland 11(2): 112-117. 1979 (the Genera plantarum in Holland).

4779. B.C.D. Dissertatio de *Horticultura academica*, quam, dulgente experient. Fac. medic. Upsaliensi, praeside ... Carolo Linnaeo, in Audit. gustav. d. xviii. Decemb. mdccliv. Publico offert examini Johan. Gust. Wollrath, Nericus. H.A.M.S. Upsaliae (Excud. L. M. Höjer, Reg. Acad. Typogr.) 1754. Qu. (*Hort. acad.*). (SO 1838, KR 126, STR 4938).

Publ.: 18 Dec 1754, p. [i-viii], [1]-21, [22-24]. *Copies*: MO, USDA. – Further eds. SO 1838-1843 and KR 127-128, q.v. also for commentaries. *Amoen. acad.* 4(60): 210-229. 1760, *Amoen. acad., Schreber ed.* 4(60): 210-229. 1841.

4780. S. N. A. Specimen academicum. Sisten [sistens] *Chinensia Lagerströmiana*. Quod, annuente nob: a Facultate medica. In R. Academia Upsal. Praeside ... Carolo Linnaeo ... Publicae disquisitioni submittit Johannes Laurentius Odhelius, W. G. In Audit. gustav. d. [mss.: 23.] Decemb. mdccliv. H. A. M. C. Holmiae [Stockholm] (Impressit direct. & typogr. Magn., Duc. Finland. Jacob Merckell) [1754]. Qu. (*Chin. Lagerstr.*). (SO 1844, KR 28, STR 4902).

Collector: Magnus Lagerström (1691-1759).

Publ.: 23 Dec 1754, p. [i-iv], [1]-36, *1 pl. Copy*: MO. – For further details see SO 1844, other eds. 1845-1847; *Amoen. acad.* 4(61): 230-260. 1759, *Amoen. acad., Schreber ed.* 4(61): 230-260. 1788.

4781. A. D. J. *Centuria I. plantarum*, quam, ex consens. nobil. et exper. Fac. med. in Regia Academia Upsaliensi, sub praesidio, ... Caroli Linnaei, ... orbi botanico examinandam sistit, Abraham. D. Juslenius, V-Gothus. In Audit. Gustav. die xix. Februar. anni mdcclv.

H. A. M. S. Upsalia (Exc. L. M. Höjer, Reg. Acad. Typogr.) [1755]. Qu. (*Cent. pl. I*). (SO 1848, KR 7, STR 4898).
Publ.: 19 Feb 1755, p. [i-iv], [1]-35, [36]. *Copies*: MO(2). – Further eds. SO 1849-1851, see also 1852; *Amoen. acad.* 4(62): 261-296. 1759, *Amoen. acad., Schreber ed.* 4(62): 261-296. 1788. See also DA 1967 for nomenclatural standing of generic names and Rickett (1955) and Nordenstam (1961) for various nomenclatural changes in the Amoen. acad. – For Centuria II, 1756, see below.
Ref.: Nordenstam, B., Bot. Not. 114: 276. 1961.
Rickett, H. W., Lloydia 18(2): 57-59. 1955.
Rothmaler, W., Repert. Sp. nov. 50: 69-72. 1941, 52: 177-178. 1943 (attributes authorship to Jussieus).

4782. I. N. D. Dissertatio botanica *Metamorphoses plantarum* sistens, quam, consent. experientiss. Facultate medica in Reg. Acad. Upsaliensi, sub praesidio ... Caroli Linnaei, ... Naturae curiosorum censurae subjicit Nicolaus E. Dahlberg, Ostrogothus. In Audit. [mss.: Carol. maj. die iii] Junii [mss. change to Julii], an 1755. H. [mss.: A.] M. S. Holmiae [Stockholm] (e Typographia Regia.) [1755]. Qu. (*Metam. pl.*), (SO 1857, KR 158, STR 5077).
Publ.: 3 Jul 1755, p. [1]-26. *Copies*: MO(2). – Further eds. SO 1858-1863; *Amoen. acad.* 4(66): 368-386. 1759, *Amoen. acad., Schreber ed.* 4(66): 368-386. 1788.
Swedish translation: 1921, Valda Avh. C. v. Linné, Sv. Linné-Sällsk., Uppsala, no. 2; translated by C. A. Brolén, p. [1]-28. *Copy*: MO.

4783. *Somnus plantarum* in dissertatione academica propositus, consens. experient. Facult. med. in Reg. Acad. Upsaliensi, praeside, ... Carolo Linnaeo, ... a Petro Bremer, Helsingo. In Audit. Gustav d. x. Decembr, anni mdcclv. H. A. M. S. Upsaliae [1755]. Qu. (*Somn. pl.*). (SO 1864, KR 159, STR 5217).
Publ.: 10 Dec 1755, p. [1]- 22, *1pl.*(A. Åkermann, uncol. copp.). *Copies*: MO(2). – Reprints and other refs.: SO 1865-1880; *Amoen. acad.* 4(64): 333-350. 1759, *Amoen. Acad., Schreber ed.* 4(64): 333-350. 1788.
Swedish translation: 1921, Valda Avh. C. v. Linné, Sv. Linné-Sällsk., Uppsala, no. 3. – STR 5257.

4784. D. D. Dissertatio botanico-medica, in qua *Fungus melitensis*, cum consens. experient. Facult. med. in Almo Upsal. Lycaeo, praeside ... Carolo Linnaeo, ... publicae ventilationi proponitur a Johanne Pfeiffer, Holmens. ... in Aud. carol. maj. d. xx Dec. a. mdcclv. H. A. M. S. Upsaliae (Excud. L. M. Höjer, Reg. Acad. Typogr.) [1755]. Qu. (*Fung. melit.*). (SO 1881, KR 67, STR 5022).
Publ.: 20 Dec 1755, p. [i-iv], [1]-16, *1 pl.* (uncol. copp. A. Åkerman). *Copies*: MO(2). – Further eds. SO 1882-1885; *Amoen. acad.* 4(65): 351-367. 1759, *Amoen. acad., Schreber ed.* 4(65): 351-367. 1788. – Deals with *Cynomorium coccinium* L. (Sp. pl.).

4785. D. F. G. *Flora palaestina*, quam, venia experientissimae Facult. med. in Reg. Academia Upsaliensi, sub praesidio ... Caroli Linnaei, ... publice examinandam sistis Benedictus Joh. Strand, Sudermannus. In Audit. carol. maj. d. [mss.: x] Martii, anni mdcclvi. H. A. M. S. Upsaliae (Excud. L. M. Höjer, Reg. Acad. Typogr.) [1756]. Qu. (*Fl. palaest.*), (SO 1886, KR 29, STR 5008).
Publ.: 10 Mar 1756, p. [1]-32. *Copy*: MO. – Other eds. SO 1887-1890; *Amoen. acad.* 4(69): 443-467. 1760, *Amoen. acad., Schreber ed.* 4(69): 443-467. 1788.
Ref.: Rothmaler, W., Repert. Sp. nov. 50: 72. 1941 (attributes authorship to Strand).

4786. D. F. G. *Flora alpina*, quam, venia experientissimae Facult. med. in Almo Upsaliensi Lycaeo, praeside, ... Carolo Linnaeo, ... speciminis ventilationi subjicit Nicolaus N. Amann, ... Jemtlandus. In Audit. carol. maj. d. xxiv. Martii, anni mdcclvi. H. A. M. S. Upsaliae (Excud. L. M. Höjer, Reg. Acad. Typogr.) [1756]. Qu. (*Fl. alp.*). (SO 1891, KR p. 787, no. 1, STR 4995).
Author (fide KR): Nils Nilsson Åmann (1731-1783).
Publ.: 24 Mar 1756, p. [i-iv], [1]-27, [28[. *Copies*: MO(2). Further eds. SO 1892-1896; *Amoen. acad.* 4(68): 415-422. 1759, *Amoen. acad., Schreber ed.* 4(68): 415-422. 1788.
Ref.: Anon., Lärda Tidn., Stockholm 1756: 142-144.

4787. I.N.S.S.T. *Calendarium florae,* quod, venia experientissimae Facult. med. in Almo Upsaliensi Lycaeo, praeside, ... Carolo Linnaeo, ... publicae ventilationi subjicit ... Alexander. Mal. Berger, Vermelandus. In Audit. carol. maj. d. xxxi Martii, anni mdcclvi. H.A.M.S. Upsaliae (Excud. L. M. Höjer, Reg. Acad. Typogr.) [1756]. Qu. (*Calend. fl.*). (SO 1897, KR 117, STR 4889).
Publ.: 31 Mar 1756, p. [i-iv], sign. A-C 4. *Copy*: MO. – Further eds. and studies: SO 1898-1909; *Amoen. acad.* 4(67): 387-414. 1759, *Amoen. acad., Schreber ed.* 4(67): 387-414. 1788.
Ref.: Beckman, Carl von Linné, Blomster-almanach. Stockholm 1763.

4788. D. D. *Centuria II. plantarum,* quam, consensu experientiss. Facult. med. in regia Academia upsaliensi, praeside, ... Carolo Linnaeo, ... speciminis academici loco, ad publicam ventilationem defert ... Ericus Torner, V. Gothus. In Auditorio carol. maj. d. ii. Junii. Anni mdcclvi. H. A. M. S. Upsaliae (excud. L. M. Höjer, Reg. Acad. Typogr.) [1756]. Qu. (*Cent. pl. II*). (SO 1853, KR 7, STR 4899).
Publ.: 2 Jun 1756 (SO gives "1755"), p. [i-iv], [1]-33, [34]. *Copy*: MO. – Other eds. SO 1854-1856; *Amoen. acad.* 4(63): 297-332. 1759, *Amoen. acad., Schreber ed.* 4(63): 297-332. 1788. – For *Centuria I.* see above TL-2/4781. – See Rickett (1955) for the changes in the *Amoenitates.*
Ref.: Nordenstam, B., Bot. Not. 114: 278. 1961.
Rickett, H. W., Lloydia 18(2): 59-60. 1955.
Rothmaler, W., Repert. Sp. nov. 50: 72-75. 1941, 52: 178. 1943 (attributes authorship to Torner; revision of nomenclature).

4789. D. D. *Flora monspeliensis,* quam, cum consens. experient. Fac. medicae in Regia Academia Upsaliensi, praeside ... Carolo Linnaeo, ... speciminis academici loco, ad publicam ventilationem defert Theoph. Erdm. Nathhorst, Germano-Silesiensis. In Auditorio carol. maj. die xv Junii, anni mdcclvi. H. A. M. S. Upsaliae (Excud. L. M. Höjer, Reg. Acad. Typogr.) [1756]. Qu. (*Fl. monsp.*). (SO 1912, KR 30, STR 5003).
Publ.: 15 Jun 1756, p. [i-ii], [1]-30. *Copies*: MO(2); IDC 5344. – Further eds. SO 1913-1915; *Amoen. acad.* 4(70): 468-495. 1759, *Amoen. acad., Schreber ed.* 4(70): 468-495. 1788. See also DA 1967. See Stearn for the link with Magnol's *Bot. monsp.* and the nomenclatural standing of the names in the *Fl. monsp.*
Ref.: Duval-Jouve, J., Bull. Soc. bot. France 10:10-20. 1863 (note ... plantes critiques ...).
Rothmaler, W., Repert. Sp. nov. 50: 75-78. 1941, 52: 178. 1943 (attributes authorship to Nathhorst; gives revised nomenclature).
Stearn, W. T., *in* Festschrift für Claus Nissen, Wiesbaden 1973, p. 612-650 (on Magnol's *Bot. monsp.* and L's *Fl. monsp.*).

4790. Caroli Linnaei ... *Systema naturae* sistens regna tria naturae in classes et ordines genera et species redacta, tabulisque aeneis illustrata. Accedunt vocabula gallica. Editio multo auctior & emendatior ... Lugduni batavorum [Leiden] (apud Theodorum Haak) 1756. Oct. (*Syst. nat. ed. 9*). (SO 57, STR 5934).
Editor: Johan Frederik Gronovius (1686-1762).
Publ.: 1756, p. [i-viii], 1-227, [228], index [1-18], *pl. 1-8* (uncol. copp.) with text: [1-8]. *Copies*: MO, U, US; SO 57. – Based on ed. 7 with the German names replaced by French. Krok counts this as ed. 8 and the reprint of Syst. nat. ed. 2 as it appears in *Opera varia,* Lucca (1758) as ed. 9. – Some additions of the botanical text come from Linnaeus himself.

4791. D.A. *Prodromus florae danicae,* quem, suffrag. experient. Facult. medic. in Regia Academia Upsaliensi, praeside, ... Carolo Linnaeo, ... pro summis in arte apollinea honoribus, more majorum legitime obtinendis, publicae censurae sistit Georgius Tycho Holm, Fyonia-Danus. In Auditorio carol. maj. d. ii. Jun. anni mdcclvii. H. A. & P. M. C. Upsaliae (Excud. L. M. Höjer, Reg. Acad. Typogr.) [1757]. Qu. (*Prodr. fl. dan.*). (SO 1952, KR p. 300, no. 1, STR 5197).
Author: Jørgen Tyche Holm (1726-1759), see TL-2/2: 259 and no. 2945.
Publ.: 2 Jun 1757, p. [1]-26, [1-2]. *Copy*: MO. – For further details see TL-2/2945. Contains no new validly published names.

4792. D.D. *Buxbaumia,* quam consens. experient. Facult. medic. in illustri Academia

Upsaliensi. Sub praesidio ... Caroli Linnaei, ... publicae ventilationi submittit ... Antonius Rolandi Martin, ... aboensis. Audit. carol. maj. d. xxii. Jun. a. mdcclvii. H. A. M. S. ... Upsaliae (Excud. L. M. Höjer, Reg. Acad. Typogr.) [1757]. Qu. (*Buxbaumia*). (SO 1966, KR p. 496, no. 1, STR 4884).
Author: Anton Rolandsson Martin (1729-1786), (fide KR).
Publ.: 22 Jun 1757, p. [1]-16, *1 pl.* (figure of *Buxbaumia* pasted on t.p.). Other eds. SO 1967-1969; *Amoen. acad.* 5(81): 78-91. 1760, *Amoen. acad., Schreber ed.* 5(81): 78-91. 1788.

4793. I. N. J. Specimen academicum, de *Transmutatione frumentorum*, quod, consens. experient. Facult. medic. in illustri Academia Upsaliensi, praeside ... Carolo Linnaeo, ... publico examini subjicit, Bogislaus Hornborg, Petropolitanus. In Aud. car. maj. d. xxviii. Sept. anno mdcclvii. H. A. M. S. Upsaliae (Excud. L. M. Höjer, Reg. Acad. Typogr.) [1757]. Qu. (*Transmut. frument.*). (SO 1974, KR 112, STR 4969).
Publ.: 28 Sep 1757, p. [i-vi], [1]-16, [1-2]. *Copy*: MO. – Other eds. and studies: SO 1975-1982; *Amoen. acad.* 5(83): 106-119. 1760, *Amoen. acad., Schreber ed.* 5(83): 106-119. 1788. – On "change "of wheat into rye, denied by L. (ergot).

4794. Caroli Linnaei ... *Systema naturae* per regna tria naturae, secundum classes, ordines, genera, species, cum characteribus, differentiis, synonymis, locis. Tomus I[II]. Editio decima, reformata ... Holmiae [Stockholm] (Impensis direct. Laurentii Salvii) 1758 [-1759]. Oct. (*Syst. nat. ed. 10*). (SO 58, STR 5935).
Orig. ed.: 1758-1759, 2 vols. *Copies*: G, MO, U, US, USDA; IDC 740.
1 (*Animalia*): 1 Jan 1758, p. [i-iv], [1]-823, [824, err.]. Starting point for zoological nomenclature. Binomial nomenclature used throughout.
2 (*Vegetabilia*): Mai-Jun 1759 (Lärda Tidn. 7 Jun 1759), p. [i-iv], 825-1384.
3 (*Mineralia*): not published, mss. at LINN.
Reviews: See SO 58.
Reprint [actually *ed. 11.*] ("*pirated*"): 1760, 1: [i-viii], [1]-823, [824, err.], 2: [i-iv], [825]-1380. *Copies*: G, MO. – SO 60. – "Tomus I. Praefectus est Joannes Joachim Langius [see above, ed. 3] ... ad editionem decimam reformatam holmiensem. [Tomus II. Ad editionem ...] Halae magdeburgicae [Halle a.S.] (typis et sumtibus Jo. Jac. Curt.) 1760. Oct. Reprinted literally up to p. 1352, p. 1353-1380 with changed setting. This edition, however, has Tomus III, Regnum lapidem, 1770, apparently based on ed. 12. – Called ed. 11 by Krok (p. 425) and Tournay (1953). – STR 5940.
Facsimile ed. (of *Tomus II*): 1964, p. [i*-iv* new t.p.'s], [i-iv], 825-1384. *Copy*: FAS. – STR 5939.– "Carl Linnaeus *Systema naturae* editio decima 1759 tomus ii: Vegetabilia 1964 facsimile by J. Cramer. Weinheim ... Codicote, Herts. New York, N.Y.", Historiae naturalis classica ... tomus xxxiv. ISBN 3-7682-0219-4.
Secondary literature and indexes: See SO 66-81, of which botanical:
66. *Nomenclator extemporaneus*, 1759. See below.
67. *Index plantarum* ... 1761, by G. C. Oeder, q.v.
73. *Natuurlijke historie* ... 1773-1783, by M. Houttuyn, see TL-2/3080, 3081; plants only partly based on ed. 12 (not 10).
74. *Vademecum botanico*, by C. Bianchi, 1763, n.v.
75. *Sistema der natuurlijke historie*, Hagae-Comitum, 1765, n.v.
See also: Baum, B. R., Taxon 17: 507-513. 1968 (typification).

4795. D. F. G. Dissertatio medica, de *Spigelia anthelmia*, quam consens. experient. Facult. medic. in illustri Lycaeo Upsaliensi sub praesidio ... Caroli Linnaei, ad publicum examen defert Joh. Georg. Colliander, ... Smolandus. In Audit. carol. maj. d. xxii [mss. changed to xxx] Martii, anni mdcclviii. H. A. & P. M. S. Upsaliae (Excud. L. M. Höjer, Reg. Acad. Typog.) [1758]. Qu. (*Spigelia*). (SO 1987, KR p. 130, no. 1, STR 4966).
Author (fide KR): Johan Georg Colliander (1728-1796).
Publ.: 30 Mar 1758, p. [1]-16, *1 pl.* (uncol. copp.). *Copies*: MO(2), US, USDA. – Further eds. SO 1988-1990; *Amoen. acad.* 5(85): 133-147. 1760, *Amoen. acad., Schreber ed.* 5(85): 133-147. 1788.

4796. D. F. Dissertatio de *Cortice peruviano*, cujus partem priorem cons. experient. Facult. medica in Regia Academia Upsaliensi praeside, ... Carolo Linnaeo, ... publicae ventilationi offert Joh. Christ. Pet. Petersen, Holmiensis. In Audit. carolin. maj. die [in mss.:10]

Maji anni mdcclviii. H. A. M. S. Upsaliae. Excud. L. M. Höjer, Reg. Acad. Typogr.) [1758]. Qu. (*Cort. peruv.*). (SO 1991, KR p. 572, no. 1, STR 4924).
Author (fide KR): Johan Christian Petersen (1739-1774).
First issue: 10 Mai 1758, p. [i-ii], [1]-38. *Copy*: MO.
Second issue: 10 Mai 1758, or later, p. [i-ii], [1]-38. *Copy*: MO. – Difference with first issue: date printed *in full*: "...die x. maji anni mdcclviii."
Other issue: *Amoen. acad., Schreber ed.* 9(176): 64-105. 1785 (STR 4692).
Pars II: published by Andreas Westphal, Greifswald 1763, n.v.

4797. Q.F.F.Q.S. *Frutetum svecicum,* quod consens. experient. Facult. medicae in illustri Lycaeo Upsal. praeside ... Carolo Linnaeo, ... publico erudit. exam. modeste subjicit David Magn. Virgander, Smolandus. In Audit. carol. majori die xxiii. maji anni mdcclviii. H. A. M. S. Upsaliae (Excud. L. M. Höjer, Reg. Acad. Typogr.) [1758]. Qu. (*Frut. svec.*). (SO 1994, KR 18, STR 5013).
Publ.: 23 Mai 1758, p. [i-ii], [1]-28. *Copies*: MO(2), US, USDA. – Other editions: SO 1995-2000; *Amoen. acad.* 5(88): 204-231. 1760, *Amoen. acad., Schreber ed.* 5(88): 204-231. 1788.

4798. Caroli Linnaei ... *Opera varia* in quibus continentur Fundamenta botanica, sponsalia plantarum, et Systema naturae, in quo proponuntur naturae regna tria secundum classes, ordines, genera & species. Lucae [Lucca] (ex Typographia Juntiniana) 1758. Oct. (*Opera var.*). (SO 6, STR 5600).
Publ.: 1758, p. [i, iii], [1]-376, *1 pl.* (uncol. copp. engr.). *Copies*: MO, USDA; IDC 7297. – The *Fundamenta botanica* is a reprint of the second edition (1740), the *Sponsalia plantarum* of the 1746 edition. The *Systema naturae* is a reprint with slight alterations of the fourth edition, Paris 1744 (see also p. 154); the new genera present in ed. 4 (and not in ed. 2) are contained in the *Opera varia.* – The part on *Regnum vegetabile* (p. 195-274) contains references by means of single letters (explained on p. 198) to previous authors such as Tournefort (T.). These references are easily traceable and several pre-linnaean names (see Dandy 1967) are first validated by this procedure in this publication. – Counted as the ninth edition of the Systema by Krok (p. 425).
Ref.: Barneby, R. C., Taxon 14: 163. 1965.
Dandy, J. E., Regn. veg. 51: 15. 1967.
Skog, L. E., in litt. 13 Aug 1975 (comparison with Syst. nat. ed. 4).

4799. C. Linnaei, Eqv. *Delineatio plantae,* in usum auditorum. [on p. 8: Upsaliae, Apud Christ. Erh. Steinert, 1758]. Oct. (*Delin. pl.*). (SO 550, KR 141, STR 4834).
Publ.: 1758 (date on p. 1758; the HH copy has a note in ink above the colophon "die 19. aprilis 1759"), p. [1]-8. *Copy*: HH. – An elaboration of aphorisms 78-87 of the *Fundamenta botanica,* later incorporated in the regnum vegetabile sections of Syst. nat. ed. 10 and following. A further, much enlarged, version was published as *Termini botanici* 1781. SO mentions another copy of this at Leiden (University Library), not seen by us. For other editions see SO 551-556.
Latin and dutch version: in D. de Gorter, *Leer der plantkunde* 1: 33-76. 1782.
English version: in C. Darwin, *A system of vegetables* 1: 13-21. 1783. – STR 4837.
German version: X. J. Lippert, *Des Ritters Carl von Linné Pflanzensystem* 1: xvii, xli. 1786. STR 5976, TL-2/4864.

4800. D.F.G. *Auctores botanici* in dissertatione propositi, quam consens. experient. Facult. medic. in illustri Lycaeo Upsaliensi, sub praesidio ... Caroli Linnaei ... ad publicum examen defert ... Augustinus Loo, Ostrogothus. In Audit. carol. maj. die xiv. mart. anni mdcclix. H. A. M. S. Upsaliae [1759]. Qu. (*Auct. bot.*). (SO 2017, KR 150, STR 4867).
Publ.: 14 Mar 1759, p. [i-ii], [1]-20. *Copies*: MO, US, USDA. – Further eds. SO 2018-2021; *Amoen. acad.* 5(91): 273-297. 1760, *Amoen. acad., Schreber ed.* 5(91): 273-297. 1788.

4801. D.A.N. *Instructio peregrinatoris,* quam, consent. nobiliss. Facultat. medica in Regia Academia Upsaliensi, sub praesidio ... Caroli Linnaei, ... publicae censurae submittit Ericus And. Nordblad, Gevalia-gestricius. In Auditorio carol. major. d. ix Maji, ann. mdcclix. H.A.M.S. Upsaliae [1759]. Qu. (*Instructio peregr.*). (SO 2022, STR 5054).
Publ.: 9 Mai 1759, p. [i-iv], [1]-15. *Copy*: MO. – Other eds. SO 2023-2029; *Amoen. acad.* 5(92): 298-313. 1760, *Amoen. acad., Schreber ed.* 5(92): 298-313. 1788.

4802. *Plantae tinctoriae*, de quibus specimen botanico-oeconomicum, consensu ampliss. Facult. med. in illustri Upsaliensi Athenaeo, praeside ... Carolo Linnaeo, ... Publico bonorum examini modeste submittit ... Engelbertus Jörlin, Bahusia-Gothoburgens. In Audit. carol. major. die xvi. Maji, anno mdcclix. H. A. M. S. Upsaliae [1759] Qu. (*Pl. tinct.*). (SO 2030, KR p. 334, TL-2/3357, STR 5190).
Author: Engelbert Jörlin (1733-1810).
Publ.: 16 Mai 1759, p. [1]-30. – See TL-2/3357.

4803. Q.F.F.Q.S. *Flora capensis*, quam ex consensu experient. Facult. med. in illustri Lyceao Upsaliensi, sub praesidio ... Caroli Linnaei, ... publico examini submittit Carolus Henr. Wännman, Upsaliensis. In Audit. carol. major. die xxx. maji, anni mdcclix. H. A. M. S. Upsaliae [1759]. Qu. (*Fl. cap.*). (SO 2040, KR 31a, STR 5000).
Publ.: 30 Mai 1759, p. [i-ii], [1]-19, [20]. *Copies*: MO(2), US, USDA. – Other eds. SO 2041-2043; *Amoen. acad.* 5(95): 353-370, *Amoen. ed., Schreber ed.* 5(95): 353-370. 1788. Based on the collections of J. Burman, J. Hartog, P. Hermann, H. B. Oldenland.
Ref.: Reynolds, G. W., The Aloes of South Africa 87. 1950.

4804. Q.B.V. *Arboretum svecicum*, quod consens. experient. Facult. medicae. In illustri Lyceo upsaliensi, praeside ... Carolo Linnaeo, ... publico examini submittit ... David Davidis Pontin, Ostro-Gothus ... in Auditorio carol. maj. d. [mss.: 30] Junii anni mdcclix. H. A. M. S. Upsaliae. [1759]. Qu. (*Arboret. svec.*). (SO 2046, KR p. 19, STR 4865).
Publ.: 30 Jun 1759, p. [1]-30. *Copies*: MO, USDA. – Other eds. SO 2047-2053; *Amoen. acad.* 5(87): 174-203. 1760, *Amoen. acad., Schreber ed.* 5(87): 174-203. 1788.
Ref.: Hoepfner, E. J. T., Auserles. Abh. 2: 217-250. 1759 (German transl.).

4805. D. D. *Plantarum jamaicensium pugillus*, quem consens. experient. Fac. medicae in Regia Academia Upsaliensi, praeside ... Carolo Linnaeo, ... speciminis academici loco, publice examinandum sistit ... Gabriel Elmgren, Smolandus. In Audit. Car. maj. die xxviii. Novembr. ann. mdcclix. H. A. M. S. Upsaliae. [1759]. Qu. (*Pl. jamaic. pug.*). (SO 2058, KR 32, STR 5191).
Publ.: 28 Nov 1759, p. [1]-31, [32]. *Copies*: MO(2), US. – Other eds. SO 2059-2061; *Amoen. acad.* 5(97): 389-413. 1760, *Amoen. acad., Schreber ed.* 5(97): 389-413. 1788. – A description of plants presented to Linnaeus by Patrick Browne.

4806. D.F.G. *Flora jamaicensis*, quam indultu nobil. nec non exper. ord. med. in supremo ad Salam Athenaeo, praeside ... Carolo Linnaeo, ... publicae erudit censurae submittit Carolus Gust. Sandmark, Vermelandus. In audit. car. maj. ad diem [mss.: xxii] Decembr. Anni mdcclix. H.A.M.S. Upsaliae [1759]. Qu. (*Fl. jamaic.*). (SO 2087, KR 32, STR 5002).
Publ.: 22 Dec 1759, p. [1]-27, [28]. *Copy*: MO. – Other eds. 2088-2090; *Amoen. acad.* 5(96): 371-388. 1760, *Amoen. acad., Schreber ed.* 5(96): 371-388. 1788 (dated 13 Dec). – Mainly based on P. Browne, *Civ. nat. hist. Jamaica*, 1756 (TL-2/842) and H. Sloane, *Voy. Madera Jamaica* 1707-1725. Browne gave his material to Linnaeus; the Sloane material is at BM. The version in the *Amoen. acad.* is revised. See also DA 1967.

4807. D. D. Dissertatio academica, sistens *Nomenclatorem botanicum*, quam consent. experient. Facult. medica in illustri ad Salam Lycaeo sub praesidio ... Caroli Linnaei, ... publico erudit. exam. subjicit Benedictus Berzelius, Ostro-Gothus in Auditorio gustaviano die [mss.: xxiv] Decemb. anni mdcclix. H. A. M. S. Holmiae [Stockholm] (Literis Direct. Laurentii Salvii) [1759]. Qu. (*Nom. bot.*). (SO 2095, STR 5100).
Publ.: 24 Dec 1759, p. [3]-19, [20]. *Copy*: MO. – Further eds. SO 2096-2099; *Amoen. acad.* 5(98): 414-441. 1760, *Amoen. acad., Schreber ed.* 5(98): 414-441. 1788. – Vernacular generic names in Dutch, English, French, German, and Italian, mainly of European and garden taxa.

4808. *Nomenclator extemporaneus rerum naturalium*: plantarum, insectorum, conchyliorum, secundum. Systema naturae linnaeanum editus a Carol. Clerck ... Stockholmiae (typis Laurentii Ludovici Grefingii) 1759. Oct. (*Nomencl. extemp. rer. nat.*). (SO 66, STR 1413).
Compiler: Carl Alexander Clerck (1710-1765), see KR p. 122.
Publ.: 1759, p. [i-iv], [1]-67, [1-12, index]. *Copy*: FAS. – On p. [ii] "Imprimatur C. Linnaeus". The index to the plants (p. 1-67) is to Syst. nat. ed. 10.

4809. Q.F.F.S. *Flora belgica.* Quam consens. nobil. nec non exper. ord. med. in illustr. ad Salam Svion Athenaeo, sub praesidio ... Caroli Linnaei, ... ad publicum examen defert Christian Fr. Rosenthal, Lincopia O-Gothus. In Audit. carol. maj. die xv. Octobr. Anno mdcclx. H. A. M. S. Upsaliae [1760]. Qu. (*Fl. belg.*), (SO 2130, KR 33, STR 4999).
Publ.: 15 Oct 1760, p. [i-iv], [1]-23. *Copies*: MO, US. – Further eds. SO 2131-2133; *Amoen. acad.* 6(104): 44-62. 1763, *Amoen. acad., Schreber ed.* 6(104): 44-62. 1789. – Based on J. Commelijn, *Cat. pl. indig. Holl.* ed. 2, 1709, and D. de Gorter, *Fl. gelro-zutph.* 1745, app. 1757, TL-2/2089.

4810. D. D. *Macellum olitorium,* quod consens. experient. Facult. medicae in illustri Lyceo upsaliensi praeside ... Carolo Linnaeo, ... publicae erudit. censurae submittit ... Petrus Jerlin, Sudermannus. In Auditorio carol. maj. ad diem [mss.: xx] Decemb. anni mdcclx. H. A. M. S. Holmiae [Stockholm] (Literis Direct. Laurentii Salvii) 1760. Qu. (*Macellum olit.*). (SO 2134, KR 113, STR 5071).
Publ.: 20 Dec 1760, p. [1]-23, [24]. *Copies*: MO(2), USDA. – Further eds. SO 2133-2140; *Amoen. acad.* 6(107): 116-131. 1763, *Amoen. acad., Schreber, ed.* 6(107): 116-131. 1789.– "The vegetable market".
Swedish translation: 1956, Valda Avh. C. v. Linné, Sv. Linné-Sällsk., Uppsala, no. 25. – STR 5031.

4811. D.D. *Plantae rariores africanae,* quas consens. experient. Facult. med. in Reg. Academ. Upsaliensi. Praeside ... Carolo Linnaeo ... publico examini submittit Jacob Printz Dalekarlus. In Audit. carol. maj. die [fide Nordenstam: xx] Decemb. anni mdcclx. H. A. M. S. Holmiae [Stockholm] (Literis Direct. Laurentii Salvii) [1760]. Qu. (*Pl. rar. afr.*). (SO 2147, KR 34, STR 5185).
Publ.: 20 Dec 1760 (none of our copies had the precise date filled in by hand), p. [1]-28, *Copies*: MO(2), USDA; IDC 5505. – Other eds. SO 2148-2150; *Amoen. acad.* 6(106): 77-115. 1763, *Amoen. acad., Schreber ed.* 77-115. 1789. See also DA 1967. – States exist with date in filled by hand and with printed date, see STR.
Ref.: Nordenstam, B., Bot. Not. 114: 278-279. 1961. (nomenclatural details; differences in *Amoen. acad.*).

4812. D.D. *Prolepsis plantarum,* quam, consens. nobil. nec non exper. ord. med. in illustr. ad Salam Svion. Athenaeao, praeside ... Carolo Linnaeo, ... publico examini submittit Hinricus Ullmark, Vermelandus. In Audit. car. maj. die xxii Decembris anni mdcclix. H. A. M. S. Upsaliae [1760]. Qu. (*Prolepsis pl.*). (SO 2141, STR 5198).
Publ.: 22 Dec 1760, p. [i-iv], [1]-22. *Copy*: USDA. – Further eds. SO 2142-2146; *Amoen. acad.* 6(118): 324-341. 1764, *Amoen. acad., Schreber ed.* 6(118): 324-341. 1789 (prolepsis: rhetoric).

4813. D.F.G. *Termini botanici,* quos consensu experient. Fac. medicae in Reg. Acad. Upsaliensi, praeside ... Carolo Linnaeo, ... examinandos sistit Johannes Elmgren Smolandus. In Audit. carol. maj. die xxii. Junii, anni mdcclxii. H. A. M. C. Upsaliae [1762]. Qu. (*Term. bot.*). (SO 2174, KR 142, STR 5240).
Publ.: 22 Jun 1762, p. [1]-32. *Copies*: MO(2). – Other eds. and studies: SO 2175-2201; *Amoen. acad.* 6(113): 217-246. 1763, *Amoen. acad., Schreber ed.* 6(113): 217-246. 1789. For English translations in James Lee, *Intr. bot.* see TL-2/4289, in J. Berkenhout see TL-2/466. See also KR p. 453-454 (lists nine eds.).
German ed. 1: 1781, p. [i-xiv], [1]-219, [220-221, err.]. *Copies*: M, MO, U.– "Caroli a Linné ... *Termini botanici* classium methodi sexualis generumque plantarum characteres compendiosi. Recudi curavit primos cum suis definitionibus interpretatione germanica donatos Paulus Dietericus Giseke [1747-1796; see Tl-2/1: 949-950] ... Hamburgi (sumtibus B. Chr. Heroldi viduae excudit Car. Wilh. Meyn) 1781. Oct. – Actually a new work, a compendium of the Linnaean system and method to be attributed to Giseke. – SO 2194, STR 5961.
German ed. 2: 1787, p. [i-xx], [1]-396, 2 charts. *Copies*: MO, US.– "... compendiosi. Recudi cum interpretatione germanica definitionum terminorum curavit Paulus Dietericus Giseke ... Editioni huic alteri accesserunt fragmenta ordinum naturalium Linnaei, nomina germanica Planeri generum, gallica et anglica terminorum, et indices. Hamburgi (id.) 1787. Oct. – To be attributed to Giseke. – STR 5962.

English ed. 1: 1770, 40 p., *5 pl.* – *Termini botanici*: in usum juventis academicae edinensis. Accedunt index, rerumque series. Edinburgi (apud Balfour & Co.) 1770.
English ed. 2: 1778, p. [1]-39, *pl. 1-5. Copy*: HH. id., Edinburgi (apud Balfour et Smellie, ...) 1778. Oct. (in fours). – STR 5960, SO 2187).

4814. D.A.G. *Planta Alströmeria*, quam adprob. experient. senat. med. Upsal. praeside ... Carolo Linnaeo in Audit. carol. maj. die xxiii. Jun. anni mdcclxii. Horis ante merid. solitis proponet ... Johannes Petrus Falck, Vestrogothus. Upsaliae [1762]. Qu. (*Pl. Alströmeria*). (SO 2202, KR 73, STR 5174).
Publ.: 23 Jun 1762, p. [1]-16, *1 pl.* (uncol. copp. R. M. Hall). *Copies*: MO(2). – Other eds.: SO 2203-2205; *Amoen. acad.* 6(114): 247-262. 1763, *Amoen. acad., Schreber ed.* 6(114): 247-262. 1789. – See also DA 167.
Ref.: Nordenstam, B., Fauna och Flora 73(3): 134-136. 1978.

4815. Q.F.F.S. Dissertatio botanica, sistens de *Nectaria florum*, quam, consensu nob. atque exper. Fac. med. in almo Upsal. lycaeo sub praesidio, ... Caroli Linnaei, ... publico examini offert, Birgerus Martinus Hall, Vestrogothus. In Audit. carol. maj. die xxv Junii, mdcclxii. Horis ante meridiem consuetis. Upsaliae [1762] Qu. (*Nect. fl.*). (SO 2206, KR 162, STR 5097).
Publ.: 25 Jun 1762, p. [i-ii], [1]-16. *Copies*: MO(2), US, USDA. – Further eds. SO 2207-2213; *Amoen. acad.* 6(115): 263-278. 1763, *Amoen. acad., Schreber ed.* 6(115): 263-278. 1789.

4816. Q.F.F.Q.S. *Fundamentum fructificationis*, quod, consens. nobil. et exper. Facult. med. in illustri ad Salam Svionum, Athenaeo sub praesidio ... Caroli Linnaei, ... publico eruditorum examini submittit, ... Johannes Mart. Gråberg, Gothoburgensis. In Audit. carol. maj. die xvi. October. anni mdcclxii. Horis ante meridiem consuetis. Upsaliae [1762]. Qu. (*Fund. fruct.*) (SO 2214, KR 167, STR 5021).
Publ.: 16 Oct 1762, p. [i-iv], [1]-24. *Copies*: MO(2), USDA. – Further eds. SO 2215-2218; *Amoen. acad.* 6(116): 279-304. 1763, *Amoen. acad., Schreber ed.* 6(116): 279-304. 1789.

4817. Caroli Linnaei ... *Species plantarum*, exhibentes plantas rite cognitas, ad genera relatas, cum differentiis specificis, nominibus trivialibus, synonymis selectis, locis natalibus, secundum systema sexuale digestas. Tomus I.[II.] ... Editio secunda, aucta ... Holmiae [Stockholm] (Impensis Direct. Laurentii Salvii) 1762. Oct. (*Sp. pl. ed.* 2) (SO 500, KR 6, Bryk 13, STR 5905).
1: Sep 1762 (Lärda Tidn. 20 Sep 1762), portr., p. [i-xvi], 1-784.
2: Jul-Aug 1763 (Lärda Tidn. 1 Aug 1763), p. [i], 785-1684, [1-64, indexes].
Copies: G, MO, US(2); IDC 175. – The portrait is not always present.– "Generic names which first appear in Linnaeus "*Species plantarum* ed. 1 (1753) and ed. 2 (1762-63) are associated with the first subsequent description given under those names in Linnaeus' *Genera plantarum* ed. 5 (1754) and ed. 6(1764). (See Art. 41)". (ICBN Art. 13.4). This means that new generic names published in the *Species plantarum* ed. 2, even if not provided with a generic description are validly published in the *Species plantarum* and date from 1762 or 1763.
Supplements by Linnaeus: see *Mantissa plantarum*, 1767-1770, TL-2/4831.
Supplement by Linnaeus fil.: see C. Linnaeus fil., *Supplementum plantarum*, 1781, TL-2/4854.
Indexes: by A. J. Retzius, *Nomenclator botanicus*, Lipsiae [Leipzig] 1772, editio nova, 1782, editio tertia by E. A. Räuschel, 1797, see under Räuschel and Retzius (SO 504-506).
Supplementary studies: see SO 507-509; and the Bryk, Heller and Stearn publications listed under *Sp. pl.* ed. 1.

4818. D.F.G. *Reformatio botanices*, quam cons. nobil. et exper. Facult. med. in illustri Athen. upsaliensi, praeside ... Carolo Linnaeo, ... publico examini modeste submittit, ... Joannes Mart. Reftelius, Uplandus. In Audit. Gustav. die xviii. Decembr. anni mdcclxii. H.A.M.S. Upsaliae [1762]. Qu. (*Reform. bot.*) (SO 2223, KR 146, STR 5204).
Publ.: 17 Dec 1762, p. [i-iv], [1]-21, [22-23]. *Copies*: MO, USDA. – Other eds. SO 2224-2227; *Amoen. acad.* 6(117): 305-323. 1763, *Amoen. acad., Schreber ed.* 6(117): 305-323. 1789. – SO: "Three epochs: 1. Under the founders of botany, after the Renaissance. 2. Under the Systematics. 3. Under Linnaeus. In (3) are given the pupils of Linnaeus, who travelled abroad, and the writers, who followed the Linnaean system."

4819. *De Raphania* dissertatio medica, quam, consent. nobiliss. et exper. Facult. med. in Regia Academia Upsaliensi, praeside, ...Carolo v. Linné, ... pro summis in medicina honoribus publicae disquisitioni offert ... Georgius Rothman, ... Smolandus. In Audit. carol. maj. ad. d. xxvii Maji anni mdcclxiii hortis ante et post meridiem, solitis. Upsaliae [1763]. Qu. (*Raphania*) (SO 2228, KR p. 603, no. 1, STR 4914).
Author (fide KR): Georg Rothman (1739-1778).
Publ.: 27 Mai 1763, p. [i-iii], [1]-21, *1 pl.* (C.E.H. del.). *Copies*: MO, USDA. – Other eds. SO 2229-2231; *Amoen. acad.* 6(123): 430-451. 1763, *Amoen. acad., Schreber ed.* 6(123): 430-451. 1789.
Swedish translation: 1960, Valda Avh. C. v. Linné, Sv. Linné-Sällsk., Uppsala, no. 36. – STR 5137.

4820. Q.B.V.D. *Fructus esculenti,* quos dissertatione diaetetica, consentiente nobiliss. nec non experientiss. Facult. medica ad Acad. Reg. Upsal. moderante ... Carolo von Linné ... publico scrutinio subjicit Johannes Salberg Holmiensis. In Audit. Carol. Maj. D. xi. Junii. anni mdcclxiii. H.A.M.S., Upsaliae [1763]. Qu. (*Fruct. escul.*) (SO 2223, KR 110, STR 5012).
Publ.: 11 Jun 1763, p. [i-ii], [1]-22. *Copies*: MO(2), USDA. – Further eds. SO 2234-2238; *Amoen. acad.* 6(119): 342-364. 1763, *Amoen. acad., Schreber ed.* 6(119): 342-364. 1789.
Swedish translation: 1965, Valda Avh. C. v. Linné, Sv. Linné-Sällsk., Uppsala, no. 48. – STR 4866.

4821. D.A.G. Dissertatio botanico-medica, sistens *Lignum Quassiae,* quam, consens. exper. Facult. medicae, in Regia Academia Upsaliensi, praeside, ... Carolo v. Linné, ... pro gradu doctoris, obtinendo, publico examini submittit ... Carolus M. Blom, Smolandus. In Auditor. carol. maj. d. xxviii. Maji anni mdcclxiii horis, ante et post meridiem, solitis. Upsaliae. [1763]. Qu. (*Lign. Quassiae*]. (SO 2239, KR p. 89, no. 1, STR 5068).
Author (fide KR): Carl Magnus Blom (1737-1815).
Publ.: 28 Mai 1763, p. [i-ii], [1]-13, *1 pl.* with 1 p. expl. *Copies*: MO, US, USDA. – Other eds. SO 2240-2244;*Acad. amoen.* 6(122): 416-429. 1763, *Amoen. Acad., Schreber ed.* 6(122): 416-429. 1789.
Dutch: Het Quassie-hout uit Suriname, ... Uitgezogte Verh. 9: 394-414, *pl. 61.* 1764 (*copy*: Royal Library, the Hague). – STR 5201.
Ref.: Drake, G., Sv. Farmac. Tidskr. 7, 1921 (fide SO).

4822. Disquisitio de *Prolepsi plantarum*, quam, suffrag. experient. Facult. med. in Regia Academia Upsaliensi, praeside, ... publico examini submittit Johannes Jacobus Ferber, Caroli-Coronensis. In Audit. carol. maj. d. xxii. Junii, anni mdcclxiii. H.A.M.S. Upsaliae [1763]. Qu. (*Prolepsi pl.*). (SO 2245, STR 4981).
Publ.: 22 Jun 1763, p. [i-ii], [1]-18. *Copy*: MO. – Other eds. and refs. see SO 2245-2250; *Amoen. acad.* 6(120): 356-383. 1783, *Amoen. acad., Schreber ed.* 6(120): 356-383. 1789.

4823. Caroli v. Linné ... *Genera plantarum* eorumque characteres naturales secundum numerum, figuram, situm, et proportionem omnium fructificationis partium. Editio sexta ab auctore reformata et aucta ... Holmiae [Stockholm], (impensis direct. Laurentii Salvii) 1764. Oct. (*Gen. pl. ed. 6*) (SO 305, KR 2, STR 5382).
Publ.: Jun 1764 ("autoreferat "Lärda Tidn. 14 Jun 1764), portr., p. [i*-iv*], [i]-xx, [1]-580, [1-44, index, err.]. *Copies*: G, HU, MO(2), US(3), USDA; IDC 166. – Some copies have a portrait of L. by P. Tanjé (e.g. Sandberg 49, 50). – The generic names published here are associated with those in the *Species plantarum* ed. 2; new generic names occurring in these two works therefore date from their first appearance in the *Species plantarum* ed. 2.
Secondary references and reprints: See SO 306-310 and 315-319b., Bryk, Taxon 3: 179-180. 1954, and Stearn's introd. to the 1960 facs. of ed. 5.
Additions: see *Mant. pl.* 2, 1764 and Linnaeus f., *Suppl. pl.* 1781 (TL-2/4854).
Further editions: The *editio novissima*, Wien 1767, treated below (TL-2/4833, STR 5383)is a straightforward reprint of ed. 6; for eds. 7-9 see under J. J. Reichard, J. C. D. Schreber, Th. Haenke, Mouton-Fontenille and K. J. P. Sprengel. Partial reprints will be found under C. Milne and J. J. Planer.

4824. Q.B.V. *Hortus culinaris*, quem, consensu experient. Facult. med. in Regia Academia

Upsaliensi, moderante ... Carolo von Linné, ... dissertatio academica publice examinandum proponit ... Jonas C. Tengborg, Vestro-Gothus. In Auditorio Carol. maj. d. xx. Junii anno mdcclxiv. Horis ante meridiem solitis. Holmiae [Stockholm] (litteris Direct. Salvii) [1764]. Qu. (*Hort. culin.*). (SO 2260, KR 114, STR 5040).
Publ.: 20 Jun 1764, p. [1]-26, [27-28]. *Copies*: MO, USDA. – Further eds. SO 2261-2265; *Amoen. acad.* 7(126): 18-41. 1769, *Amoen. acad., Schreber ed.* 7(126): 18-41. 1789. – The HU (STR) copy has a handwritten "i "following the printed "xx "in the date.

4825. *Opobalsamum declaratum* in dissertatione medica, cum consensu exper. Facultat. medicae, sub praesidio ... Caroli von Linné, ... publico examini modeste submittit ... Wilhelmus Le Moine, ... Stockholmensis. In Audit. carol. maj. die xxii. Decemb. anni mdcclxiv. H.A.M.S. Upsaliae. [1764]. Qu. (*Opobalsamum*) (SO 2277, KR 74, STR 5160).
Publ.: 22 Dec 1764, p. [i-iv], [1]-19. *Copies*: MO, USDA. – For further eds. SO 2278-2280; *Amoen. acad.* 7(128): 55-73. 1769, *Amoen. acad., Schreber ed.* 7(128) 55-73. 1789. – For further notes on this publication of Forskål's discovery of the Balm of Gilead shrub see SO 2277. Linnaeus published the taxon in this dissertation as *Forsskaolea* [*Forsskålea*] *tenacissima*, on p. 17 (Urticaceae).

4826. Caroli Linnaei ... *Species plantarum,* exhibentes plantas rite cognitas ad genera relatas, cum differentiis specificis, nominibus trivialibus, synonymis selectis, locis natalibus, secundum systema sexuale digestas Tomus I [II]. Editio tertia. Vindobonae [Wien]. (Typis Joannis Thomae de Trattner, ...) 1764, 2 vols. Oct. (*Sp. pl. ed. 3*) (SO 510, KR 6, Bryk 16, STR 5906).
1: 1764, p. [i-xiv], 1-784.
2: 1764, p. [i], 785-1682 [sic; the errata of ed. 2, p. 1683 and 1684 are incorporated in the text], [1-64, indexes], [1, err.].
Copies: G, MO, US(2). – For references see under *Sp. pl.* eds. 1 and 2, above. This is a straightforward reprint of the second edition except for the insertion of the errata in the main text. This edition was published by J. T. von Trattner, but probably edited by N. J. Jacquin who brought about a few minor changes.
Ref.: Bryk, F., Taxon 2: 80. 1953.

4827. Dissertatio academica demonstrans *Necessitatem promovendae historiae naturalis in Rossia,* cujus partem primam cons. experient. Fac. med. ad. Acad. Upsal. praeside ... Carolo v. Linné ... publico examinandam submittit auctor et respondens Alexand. de Karamyschew, ... in Audit. carol. maj. d. [in mss.: xvi] Maji. Anni mdcclxiv [in mss. changed to mdcclxvi]. H. A. M. S. Upsaliae [1766], Qu. † (*Necess. prom. hist. nat. Rossia*). (SO 2323, 2259; KR p. 339, STR 5095).
Author (see t.p.); Alexander von Karamyschew (1744-1791).
Publ.: 14 Mai 1766, p. [i-ii], [1]-34, [1-10], *1 pl.* (*Fumaria spectabilis*). *Copies*: HU, MO, USDA. – This dissertation was printed in 1764 but not defended before 14 Mai 1766; see SO 2323 and 2259 for details. We have seen no copy with unchanged 1764 date. – Other eds. and info. SO 2324-2328; *Amoen. acad.* 7(148): 438-465. 1769, *Amoen. acad., Schreber ed.* 7(148): 438-465. 1789.
Second issue: with printed date "d. xvi. maji. mdcclxvi", otherwise as orig. issue. *Copy*: HU. – STR 5096.

4828. F.D.G. Dissertatio academica, *Usum muscorum,* breviter delineatura, quam, cum cons. nob. ex experient. Fac. med. in perillustri ad Salam lyceo. Moderante, ... Carolo von Linné, ... curiosorum submittit censurae ... Andreas Henrici Berlin, Angermannus. In Auditorio carolino majori die xvii. Decembr. anni mdcclxvi. Horis ante meridiem solitis. Upsaliae [1766]. Qu. (*Usum musc.*). (SO 2343, KR p. 78, no. 1, STR 5254).
Author: Andreas Henricsson Berlin (1746-1773), see dedication, signed "Auctor".
Publ.: 17 Dec 1766, p. [i-iv], [1]-14, [1-2]. *Copies*: MO(2), USDA. – Other eds. SO 2344-2347; *Amoen. acad.* 7(145): 370-384. 1769, *Amoen. acad., Schreber ed.* 7(145): 370-384. 1789.
Unlisted reprint: *in* J. P. Buc'hoz, *Manuel économique des plantes,* ... Paris 1800, p. 340-350 (see M. Guédès, J. Soc. Bibl. nat. Hist. 9(1): 42-52. 1978).

4829. Caroli a Linné, ... *Systema naturae* per regna tria naturae, secundum classes, ordines, genera, species, cum characteribus, differentiis, synonymis, locis. Tomus I[-III]. Editio

duodecima, reformata ... Holmiae [Stockholm] (Impensis direct. Laurentii Salvii) 1766 [-1768]. Oct. (*Syst. nat. ed. 12*). (SO 62, STR 5941).
Publ.: 1766-1768, three volumes. *Copies*: G, HU, MO, US(2); IDC 318. – For an analytical collation see HU 593.
1 (*Regnum animale*)
pars i: 1766 (p. [2]: 24 Mai 1766), p. [1]-532.
pars ii: 1767, p. [i], 533-1327, [1328], [1-36].
2 (*Regnum vegetabile*)
Systema part: 15-31 Oct 1767 (Lärda Tidn. 22 Oct 1767), p. [1]-736, [1-16]. See also Desfontaines, R., Ann. Mus. Hist. nat. Paris 2: 124. 1803.
Mantissa plantarum. [prima] Generum editionis vi. et specierum editionis ii. 15-31 Oct 1767, p. [1]-142 ["742 "broken letter], [1-2]. For further details on the Mantissa see below under *Mant. pl.*, no. 4831.
3. (*Regnum lapideum*): Dec 1768, p. [1]-236, [1-18], *pl. 1-3*. The appendix has some botany,
Secondary literature: See SO 82-115, of which botanical e.g.:
82. *Index regni vegetabilis,* by N. J. Jacquin, see TL-2/3245.
83, 84, 85. *Nomenclator botanicus,* eds. 1-3, by A. J. Retzius, q.v.
89a. *Carl Friedrich Dieterichs Pflanzenreich,* 1770, see TL-2/1453.
91, 92. *Genera plantarum,* by John Hope, 1771, 1780, see below.
93. *Syst. nat. epitom.,* by J. Beckmann, 1772, see below no. 4843.
102. *Register,* by J. C. M. Radermacher, *in* Verh. Batav. Genootsch. Kunst. Wet. 1: 87-109. 1779 (index genera ed. 12 & Rumphius).
Extracts by John Hope; (1) *Genera plantarum.* Ex editione duodecima Systematis naturae ... Edinburgi, 1771, 88 p. (n.v.), (SO 91).
(2) *Genera plantarum* ex editione decima tertia [i.e. duodecima ...] Systematis naturae illustrissimi Caroli a Linné. In usus academicos. Edinburgi (Typis academicis) 1780, p. [i-iii], chart, [1]-106. *Copies*: HH, NY. – STR 5385.

4830. *Fundamenta agrostographiae,* Cons. exper. Fac. med. Ups. praeside ... Carolo à Linné, ... auctore defendente Henrico Gahn, Fahlunensi ... In Audit. carol. maj. die 27 Jun 1767. Publice ventilanda. Upsaliae (Litteris Johan. Erdman. Reg. Acad. Typogr.) [1767]. Qu. (*Fund. agrost.*). (SO 2357, KR p. 78, TL-2/1927, STR 5014).
Author (t.p.; KR remarks that L's share must have been considerable) Henric Gahn (1747-1816).
Publ.: 27 Jun 1767, p. [1]-38, *pl. 1-2*. *Copies*: G, HU, MO, – Further eds. SO 2358-2361; *Amoen. acad.* 7(134): 160-196. 1769, *Acad. amoen., Schreber ed.* 7(134): 160-196. 1789. – See also TL-2/1927.

4831. Car. a Linné *Mantissa plantarum.* Generum editionis vi. et Specierum editionis ii. Holmiae [Stockholm] (Impensis direct. Laurent. Salvii) 1767[-1771]. Oct. (*Mant. pl.*). (SO 311, 312; KR 8, STR 5534).
Mantissa [1]: 15-31 Oct 1767, p. [1]-142, [1-2]. *Copies*: G, HU, MO, US; IDC 172. – Published separately and as an independent appendix to vol. 2 of Syst. nat. ed. 12.
Mantissa [1], reprint: 1770, p. [1]-142, [1-2]. *Copies*: G, HH, MO, US(2). – Issued with *Syst. nat. ed. 13,* see below (SO 311b, STR 5535, TL-2/4832).
Mantissa [2] altera: Oct 1771, p. [i-vi], [143]-587, [588, err.]. *Copies*: MO, US. – STR 5537.
Facsimile ed.: 1961, p. [i]-xxv, Introductory notes by W. T. Stearn; facsimile [i-iv, t.p.'s and lists cont. of Mant. 1 and 2], [3]-147 ["742", broken letter], [1-2, index], [i-vi], [143]-587, [588, err.]. *Copy*: FAS. – Carl Linnaeus *Mantissa plantarum* 1767 & 1771 with an introduction by William T. Stearn, 1961 facsimile. Weinheim (J. Cramer) ... Historiae naturalis classica tomus vii. ISBN 3-7682-0037-x; STR 5536.
Commentaries and secondary literature: For a detailed discussion of the Mantissa, its position with respect to contemporary publications and for lists of abbreviations and main literature see Stearn's *Introduction* to the Weinheim facsimile of 1961. It should be noted that a certain number of copies of this facsimile have as title-page a facsimile of the title-page of the Mantissa altera of 1771. For further details see J. E. Dandy (1967), HU 596, SO 62, 116, 311-314; Th. A. Sprague (Bull. misc. Inf. Kew 1929: 88), F. Bryk, Taxon 2: 83-84. 1953; and H. W. Rickett and F. A. Stafleu, Taxon 10: 115. 1961.

4832. Caroli a Linné, ... *Systema naturae,* per regna tria naturae, secundum classes, ordines,

genera, species cum characteribus, differentiis, synonymis, locis. Tomus I[-III]. Editio decima tertia ad editionem duodecimam reformatum Holmiensem. Vindobonae [Wien], (Typis Joannis Thomae nob. de Trattern, ...) 1767-1770. Oct. (*Syst. nat. ed. 13*). (SO 116, STR 5942).

Publ.: 3 vols. in 4. A page-for-page reprint of ed. 12 except for the errata in vol. 3 (p. [18] after index) which are lacking here. For reviews see SO 116. *Copies*: G, HH, MO, US(2), USDA.

1 (*Regnum animale*): 1767, pars i: [1]-532; pars 2: [1]-1327, [1328], [1-36].

2.(*Regnum vegetabile*):

Systema part: 1770, p. [1]-736, [1-16].

Mantissa: 1770, p. [1]-142, [1-2].

3.(*Regnum lapideum*): 1770, [1]-236, [1-17], *pl. 1-3*.

4833. Caroli v. Linné ... *Genera plantarum* eorumque characteres naturales secundum numerum, figuram, situm et proportionem omnium fructificationis partium. *Editio novissima*. Viennae (Typis Joan. Thomae nob. de Trattern, ...) 1767. Oct. (*Gen. pl. ed. noviss.*). (SO 315, KR 2, STR 5383).

Publ.: 1767, p. [i*-iv*], [i]-xix, [xx], [1]-580, [1-44]. *Copies*: G, MO. – Straightforward reprint of *Gen. pl. ed. 6*; p. 576 misnumbered 566. See F. Bryk, Taxon 3: 179-180. 1954 (no. 14).

Ref.: Bryk, F., Taxon 3: 180. 1954.

4834. D. A. Dissertatio botanico-medica sistens *Rariora Norvegiae*, quam cons. nobiliss. & experientiss. Fac. med. Ups. praeside ... Carolo à Linné, ... pro gradu doctoris publice ventilandam offert Henricus Tonning, Norvego-Nidrosiensis ... in Auditorio carolino majori die 27 Februarii 1768. H. A. et P. M. S. Upsaliae (Litteris Johan Edman, Reg. Acad. Typogr.) [1768]. Qu. (*Rar. Norveg.*). (SO 2381, KR p. 721, no. 1, STR 5203).

Author (fide KR): Heinrich Tonning (1732-1796).

Publ.: 27 Feb 1768, p. [i-vi], [1]-19, [20]. *Copies*: HU, MO, US, USDA. – Other eds. SO 2382-2384; *Amoen. acad.* 7(149): 466-496. 1769, *Amoen. acad., Schreber ed.* 7(149): 466-496. 1789. – The *Corollarium de Gunnera* on p. 18-19 must be attributed to Linnaeus himself.

4835. D. D. Dissertatio de *Coloniis plantarum*, Quam, cons. nobiliss. & experientiss. Fac. med. Ups. praeside ... Carolo à Linné, ... publico examini tradit ... Johannes Flyggare, Dalekarlus, in Audit. Carolino majori die 15 Junii 1768. H. A. M. S. Upsaliae (Apud Johann. Edman, Reg. Acad. Typogr.) [1768]. Qu. (*Colon. pl.*). (SO 2385, KR 96, STR 4922).

Publ.: 15 Jun 1768, p. [1]-13. *Copies*: HU, MO, USDA. – Other eds. SO 2386-2387; *Amoen. acad., Schreber ed.* 8(151): 1-12. 1785.

4836. D. D. Dissertatio academica sistens *Iter in Chinam*, cons. Exper. Fac. Med. Ups. moderante ... Car. v. Linné, publico examini submissa ab Andrea Sparrman Uplando. In Auditorio carol. maj. d. xxx Nov. anni mdcclxviii. H. A. M. S. Upsaliae (apud Joh. Edman, Reg. Acad. Typogr.) [1768]. Qu. (*Iter Chin.*). (SO 2398, KR p. 662, no. 1, STR 5059).

Author (fide KR): Andreas (Anders) Sparrman (1748-1820), q.v.

Publ.: 30 Nov 1768, p. [1]-16. *Copy*: MO. – Other eds. SO 2394-2396; *Amoen. acad.* 7(150): 497-506. 1769, *Amoen. acad., Schreber ed.* 7(150): 497-506. 1789.

4837. D. F. G., *Flora åkeröensis*, quam, sub praesidio ... Caroli à Linné, ... publicae censurae subjicit, ... Carolus Joh. Lunt, Sudermannus. In Audit. car. maj. die xxiii Decemb. anni mdcclxix. Horis ante meridiem solitis. Upsaliae (Apud Joh. Edman, Reg. Acad. Typograph.) 1769. Qu. (*Fl. åker.*). (SO 2397, KR 478, STR 4994).

Author (see Th. Fries in KR): Carl Johan Luut (Luuth) (1746-1816).

Publ.: 23 Dec 1769, p. [1]-20. *Copies*: MO(2), USDA. – Other ed. SO 2398, *Amoen. acad., Schreber. ed.* 8(154): 29-45. 1785. List of 478 pl. on Åkerö island, Södermanland.

Swedish translation: 1950, Valda Avh. C. v. Linné, Sv. Linné-Sällsk., Uppsala no. 9. – STR 5248.

4838. I. N. T. *De Erica*, venia experient. Fac. med. in Reg. Acad. Upsal. moderante, ... Carolo Linne, ... publicae ventilationi offert, ... Johan Adolph Dahlgren, Ebbeson.

Norrcopia. OstroGothus. In Audit. carol. maj. die xix. Decemb. anni mdcclxx. H. A. M. S. Upsaliae (Typis Edmannianis). Qu. (*Erica*). (SO 2399, KR 78, STR 4930).
Publ.: 19 Dec 1770, p. [i-iv], [1]-15, [16], *1 pl.* (uncol. copp.). *Copies*: HU, MO(2).–Other ed. (SO 2400) *Amoen. acad., Schreber ed.* 8(155): 46-62. 1785. – In 1774 the same Dahlgren defended another thesis, *De maro*, q.v., of which he himself was the author. *Erica* must be attributed to Linnaeus.

4839. D. D. Dissertationem medicam de *Dulcamara*. Venia experient. Fac. med., in Reg. Acad. Ups. moderante ... Carolo à Linné, examinandam sistit, ... Georgius Hallenberg Gothlandus. In Auditor. carol. maj. d. xxix. Maji. anni mdcclxxi, horis ante meridiem solitis, Upsaliae (ex Prelo Edmanniano) [1771]. Qu. (*Dulcamara*). (SO 2401, KR 100, STR 4928).
Publ.: 29 Mai 1771, p. [1]-14. *Copies*: MO (2). – Other ed. (SO 2402): *Amoen. acad., Schreber ed.* 8(157): 75-106. 1785.

4840. D. D. *Pandora et flora rybyensis*, quam, dissertatione academica, consens. nobiliss. & exper. Fac. med. Upsal. praeside, ... Carolo à Linné, ... publicae ventilationi offert Daniel Henr. Söderberg, Junecopia-Smolandus. In Auditor. carol. maj. die xxvi. Junii, mdcclxxi, horis ante meridiem solitis. Upsaliae (Apud Joh. Edman, Reg. Acad. Typograph.) [1771]. Qu. (*Pandora fl. ryby.*). (SO 2403, KR p. 693-694 no. 1, STR 5167).
Author (fide KR and see p. [24]): Daniel Henric Söderberg (1750-1781).
Publ.: 26 Jun 1771, p. [1]-23, [24]. *Copies*: HU, MO. – Further ed. (SO 2404): *Amoen. acad., Schreber ed.* 8(157): 75-106. 1785. – Insects and plants at Ryby (nr. Stockholm), Abraham Bäck's country seat.
Swedish tranlation: 1950, Valda Avh. C. v. Linné, Sv. Linné-Sällsk., Uppsala, no. 9. – STR 5249.

4841. D. D. *Fraga vesca*, dissertatione botanica, venia experient. Facult. med. in Regia Academ. Upsal. praeside ... Carolo à Linné, ... in Auditorio gustaviano die xxvi Maji a mdcclxxii. Horis ante meridiem solitis, publicae ventilationi proposita a ... Svenone Andr. Hedin Smolando. (Upsaliae (Typis Edmannianis) Qu. (*Fraga vesca*). (SO 2417, KR 81, STR 5010).
Publ.: 26 Mai 1772, p. [i-iv], [1]-13, [14]. *Copies*: MO(2), USDA. – Other ed. (SO 2418): *Amoen. acad., Schreber ed.* 8(160): 169-181. 1785.
Swedish (with commentary): Fredbärj, T., Valda Avh. C. v. Linné, Sv. Linné-Sällsk., Uppsala no. 37, Ekenäs 1961. – STR 5144.
Ref.: Hylander, N., Sv. Linné-Sällsk. Årsskr. 28: 17-40. 1945.

4842. D. D. *Observationes in materiam medicam*. Quas consens. nob. atque experient. Facult. med. Upsal. praeside ... Carolo à Linne, ... pro honoribus doctoris medici adipiscendis in Audit. carol. maj. d. 5 Junii 1772. H. A. & P. M. S. Publice censurae submittit. Johannes Lindwall, ... Upsaliae (typis Edmannianis) [1772].Qu. (*Obs. mat. med.*). (SO 2419; KR p. 421, no. 2, STR 5108).
Author (fide KR) : Johan Lindwall (after 1763: Bengtsson) (1743-1796).
Publ.: 5 Jun 1772, p. [i], [1]-8. *Copies*: MO, USDA. – Other ed. (SO 2420): *Amoen. acad., Schreber ed.* 8(161): 182-192. 1785.

4843. Caroli a Linné *Systema naturae* ex editione duodecima in *epitomen* reductum et praelectionibus academicis accomodatum a Johanne Beckmanno ... Tomus I[-II]. Regnum animale. [Regnum vegetabile]. Gottingae [Göttingen] (sumtu viduae Vandenhoeck) 1772. Oct. (*Syst. nat. epitom.*). (SO 93, STR 5943).
Compiler: Johann Beckmann (1739-1811), see KR p. 68.
1: 1772 (p. [vi]: 28 Apr 1772), p. [i-vi], [1]-240, [1-10, index], *1 pl.*
2: 1772, p. [i-iv], [1]-16, [3]-356, [1-32]. *Copies*: MO(2).

4844. *Deliciae naturae*. Tal, hållit uti Upsala Dom-Kyrka år 1772 den 14 Decemb. vid rectoratets nedläggande, af Carl v. Linné, ... Stockholm (Tryckt hos Joh. Georg Lange) 1773. Oct. (*Delic. nat.*), (SO 2426, KR 131, STR 4827).
Publ.: 1773, p. [1]-32. *Copy*: MO. – For other eds. and commentaries see SO 2427-2428.
Latin version: *Amoen. acad., Schreber ed.* 10(8): 66-99. 1790.

4844a. Caroli a Linné . . . *Systema vegetabilium* secundum classes ordines genera species cum characteribus et differentiis. *Editio decima tertia* accessionibus et emendationibus novissimis manu perillustris auctoris scriptis adornata a Joanne Andrea Murray D. . . . Gottingae [Göttingen] et Gothae [Gotha] (typis et impensis Jo. Christ. Dietrich) 1774. Oct. (*Syst. veg. ed. 13*). (SO 573, STR 6838).
Authorship: Linnaeus is the author of the botanical novelties ("manu perillustris auctoris scriptis"), Johann Andreas Murray (1740-1791) acted as editor.
Publ.: Apr-Jun 1774 (TL-1/902, p. [i-vii], [1]-844). *Copies*: FI, G, MO, USDA. – A new edition of the botanical part of the *Systema naturae*, counting on from ed. 12 (TL-2/4829).
English translation: 1783, 2 vols, 1: [i*, iii*], [i]-lvi, [1]-424, 2: [i, iii], [425]-897, catalogue dated 1784: [1-16], *pl. 1-11* (with text). *Copies*: FH, MO. – *A system of vegetables*, according to their classes . . . translated from the thirteenth edition (as published by Dr. Murray) of the vegetabilium of the late professor Linnaeus; and from the Supplementum plantarum of the present professor Linnaeus . . . by a botanical society, [i.e. Erasmus Darwin et al.] at Lichfield. Lichfield (printed by John Jackson, . . .) London, 2 vols. Oct. SO 580a (580 is a unique proof copy dated 1782).

4845. D. D. *Planta cimicifuga*. Quam consens. exper. Facult. medicae in Regia academia Upsaliensi, praeside, . . . Carolo v. Linné, . . . pro gradu doctoris. In Audit. Carol. maj. d. [ ] Sept. 1774. Horis a. & p. m. solitis, proponet Johannes Hornborg, Petropolitanus. Upsaliae (apud Johan. Edman, Reg. Acad. Typogr.) [1774]. Qu. (*Pl. cimicif.*). (SO 2430, KR p. 307, no. 1. STR 5176).
Author (fide KR): Johan [Georg] Hornborg (1745-?).
Publ.: Sep 1774, p. [i-ii], [1]-10. *Copy*: MO. – Other ed. (SO 2431): *Amoen. acad., Schreber ed.* 8(162): 193-204. 1785.

4846. I. N. T. Dissertationem inauguralem, *de Maro*, venia experient. Facult. medicae, in Reg. Acad. Upsaliensi, praeside . . . Carolo v. Linné, . . . pro summis in medicina honoribus publicae ventilationi offert auctor Joh. Adolph. Dahlgren Ebbeson, Norrcopia Ostro-Gothus . . . in Audit. carol. maj. d. 3 Dec 1774. Horis a. & p.m. solitis, Upsaliae (typis Edmannianis) Qu. (*de Maro*). (SO 2434, KR p. 134, no. 1, STR 4940).
Author (see t.p.): Johan Adolph Ebbeson Dahlgren (1744-1797).
Publ.: 3 Dec 1774, p. [1]-18. *Copies*: MO, US, USDA. – Other ed. SO 2435; *Amoen. acad., Schreber ed.* 8(164): 221-237. 1785. – In 1770 Dahlgren defended a first dissertation, written by Linnaeus: see *Erica* (1770).

4847. D. D. Dissertatio botanico-medica de *Viola ipecacuanha*, quam, venia experient. Facult. medicae, in Reg. Acad. Upsaliensi, praeside . . . Carolo v. Linné, . . . publicae ventilationi offert auctor Daniel Wickman, Caroli-Coronensis. In Aud. carol. major. d. 16. Decembris, 1774. Horis a.m. solitis. Upsaliae (typis Edmannianis) [1774]. Qu. (*Viola ipecacuanha*). (SO 2436; KR 760, no. 1, STR 4973).
Author (t.p.): Daniel Wickman (1741-1800).
Publ.: 16 Sep 1774, p. [1]-12. *Copies*: HU, MO, US. – Other ed. SO 2437; *Amoen. acad., Schreber ed.* 8(165): 238-248. 1785.
Ref.: Brotero, F. de A., Trans. Linn. Soc. London 6: 137-141, *pl. 11*. 1802 (on *Callicocca Ipecacuanha*).

4848. D. D. *Plantae surinamenses*, quas, venia experient. Facult. medicae, in Reg. Acad. Upsaliensi, praeside . . . Carolo Linné, . . . publice ventilandam offert . . . Jacob Alm, Uplandus. In Auditorio Carolino majori, die xxiii Junii, anno mdcclxxv. Horis, ante meridiem, solitis. Upsaliae (Typis Edmannianis). Qu. (*Pl. surin*). (SO 2438, KR 35, STR 5188).
Collector: Carl Gustav Dahlberg (Dalberg), in Suriname 1754-1755, coll. at LINN.
Publ.: 23 Jun 1775, p. [1]-18, *1 pl.* (uncol. copp., E. Nordwall), *Copies*: HU, MO, US. – Other eds. SO 2439-2440; *Amoen. acad., Schreber ed.* 8(166): 249-267. 1785, and C. C. Gjöwell, Thes. Sveo-Goth. 1(1): 77-91. 1781.

4849. D. D. Dissertatio medica *de Ledo palustri*. Quam cons. experient. Fac. medicae in Reg. Acad. Upsaliensi. Praeside . . . Carolo à Linné, . . . publicae bonorum censurae submittit auctor et respondens . . . Johannes Petr. Westring. Lincopia-Ostrogothus. In Aud. carol.

maj. d. xxv Octobr. mdcclxxv. Horis ante meridiem solitis. Upsaliae (Typis Edmannianis). [1775]. Qu. (*de Ledo*]. (SO 2441, KR p. 757, no. 1, 4939).
Author (t.p.): Johan Peter Westring (1753-1833) (Epon. *Westringia* J. E. Smith 1797).
Publ.: 25 Oct 1775, p. [i-ii], [1]-18. *Copies*: HU, MO(2). – Other ed. (So 2442); *Amoen. acad., Schreber ed.* 8(167): 268-288. 1785.
Ref.: Drake, G., Linnés disputation *Ledum palustre.* 1922 (SO 2443, STR 1705).

4850. D. D. *Planta Aphyteia,* quam dissertatione botanica illustratam cons. illustr. Facult. med. Upsal. praeside Carolo à Linné ... publicae disquisitioni offert auctor Ericus Acharius Gevalia Gestricius ... in Aud. carol. major. d. xxii. Jun. mdcclxxvi. H. A. M. S. Upsaliae (Typis Edmannianis) [1776]. Qu. (*Pl. aphyteia*). (SO 2457, KR p. 2, no. 1, TL-2/8, STR 5175).
Author: Erik Acharius (1757-1819).
Publ.: 22 Jun 1776, p. [1]-12, [1], *1 pl. Copies*: G, HU, MO, NY, US, USDA. – Other ed. SO 2458; *Amoen. acad., Schreber ed.* 8(170): 310-317. 1785. See further TL-2/8. Last thesis defended under Linnaeus.

4851. D. D. *Hypericum,* quod, dissertatione botanico-medica, consens. exper. Facult. med. Upsal. praeside Carolo à Linné, ... pro gradu doctoris in Audit. carol. maj. die 20 Nov. a. 1776. Horis a. et p.m. solitis. Exhibet Carolus Nicol. Hellenius, Tavastia-Fenno, ... Upsaliae (Typis Edmannianis) [1776]. Qu. (*Hypericum*). (SO 2459, KR p. 283, no. 1, TL-2/2609, STR 5047).
Author (fide KR): Carl Niklas Hellenius (1745-1820).
Publ.: 20 Nov 1776, p. [i-iv], [1]-14, *1 pl.* (uncol. copp. Joh. Afzelius). *Copies*: HU, MICH, MO(2), NY, US, USDA. – The t.p. mentions Linnaeus as the promotor; actually Linnaeus fil. acted as praeses on behalf of his father. This was therefore the last dissertation written under Linnaeus; the last one actually defended was Acharius, *Pl. Aphyt.*
Other ed. SO 2460; *Amoen. acad., Schreber. ed* 8(171): 318-332. 1785.

Linné, Carl von, filius (1741-1783), Swedish botanist; studied at Uppsala, Dr. med. 1765, professor of medicine and botany ib. 1777-1783. (*L. fil.*)

HERBARIUM and TYPES: The Linnaeus filius herbarium is partly at S, partly in the Smith herbarium at LINN. Some types are at S but most are at LINN.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 656; Barnhart 2: 389; BFM no. 2293, 2294; BJI 2: 107; BL 2: 512, 516, 683; Blunt p. 300 [index]; BM 3: 1150-1151; Bret. p. 63; Collander hist. p. 156; Dawson p. 544-545; Dryander 5: 333 [index]; GR p. 478; Henrey 2: 727; Hortus 3: 1197; Jackson p. 574; KR p. 463-465; Lasègue p. 45, 179, 330; NI 1216; PR 5526-5529 (ed. 1: 6163-6167); RS p. 116; SBC p. 126; SO 309, 502, 574, 2801, 3821-3874; TL-1/769, 770-773; TL-2/2609; TR 810-812; Tucker 1: 434-435, 567; Zander ed. 10, p. 682, ed. 11, p. 777.
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Hedin, Sv., Minne af von Linné fader och son, pars 2, [Linnaeus f.], Stockholm 1808, front. portr., 102, 10 p.
Hulth, J. M., Bref Skrifv. Linné ser. 2. 1: 32, 35. 1916; Hulth, J. M. & A. H. Uggla, id. ser. 2. 2: 296 [index, many refs.]. 1943.
Löwegren, I., Naturaliekabinett Sverige 404 [index]. 1952.
Merrill, E. D., Chron. bot. 14: 208, 347, 354, 355, 357. 1954 (Botany Cook's Voy.).
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Reynolds, G., W. The Aloes of South Africa 90. 1950 (L. f. descr. two Aloes).
Smith, J. E., Selection corr. Linnaeus 2: 535-537. 1821 (letters Mutis).
Stoever, D. H., Leben des Ritters C. von Linné, 2 vols. 1792 (contains also biogr. details on L. f.).
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Wittrock, V. B., Acta Horti Berg 3(2): 60. 1903, 3(3): 42. *pl. 100.* 1905 (portr.).

COMPOSITE WORKS: W. T. Aiton, *Hort. kew.* 1: 403-405, 413, 414, 415-421, 460, 3: 473, 477-478. 1789; descriptions of new taxa by L. fil., listed by KR p. 464, based on a manuscript "Descriptiones Liliorum et Palmarum" at LINN.

DISSERTATIONS defended under Linnaeus f. but not written by him:
1. Naezén, D. E., *Nova graminum genera,* 1779, TL-2/6620, STR 6862.
2. Lundmark, J. D., *De Lavandula,* 1780, TL-2/5107, STR 6049.
3. Swartz, O., *Methodus muscorum illustrata,* 1781, STR 6052.
The Linnaean dissertation *Hypericum* (1776), by C. N. Hellenius was still written to be defended under Linnaeus himself, but was actually defended under Linnaeus f. (STR 5047, TL-2/4851).

4852. Carolo Linnaei fil. . . . *Decas* prima [secunda] *plantarum rariorum horti upsaliensis* sistens descriptiones & figuras plantarum minus cognitarum. Stockholmiae (sumtu & literis Direct. Laurentii Salvii) 1762 [-1763]. Fol. (*Dec. pl. horti upsal.*) (SO 3822, STR 6064).
1: Apr-Jul 1762, p. [i-vi], [1]-20, *pl. 1-10* (uncol. copp. A. Åkerman).
2: Dec 1763, p. [i-ii], 21-40, *pl. 11-20* (id.). *Copies*: M; IDC 5504. – See also Dandy (1967). – Decas 1 was ready on 4 Jul 1762. Linnaeus writes to Jacquin on that day "Filius meus edit decurias rariorum plantarum in folio, cujus prima decuria sudat [sic], et continet . . ."
Ref.: Dandy, J. E., Regn. veg. 51: 16. 1967.
Schreibers, C.N.J. et S. Endlicher, Caroli Linnaei epistolae ad Nicolaum Josephum Jacquin, . . . Wien, p. 57 (1841).

4853. Caroli C. [sic] a Linné . . . *Plantarum rariorum horti upsaliensis* fasciculus primus sistens descriptiones et figuras plantarum minus cognitarum. Lipsiae [Leipzig], (impensis Siegfried Lebrecht Crusii) 1767. Fol. (*Pl. rar. hort. upsal.*).(SO 3822, STR 6065).
Publ.: 1767, p. [i, iii], 1-20, *pl. 1-10* (uncol. copp.). *Copy* G. – Different from *Dec. pl. hort. upsal.*

4854. *Supplementum plantarum* systematis vegetabilium editionis decimae tertiae, generum plantarum editionis sextae, et specierum plantarum editionis secundae. Editum a Carolo a Linné, . . . Brunsvigae [Braunschweig] (Impensis orphanotrophei) 1781. Oct. (*Suppl. pl.*). (SO 547, 3835, STR 6066).
Publ.: Apr 1782, p. [i-xvi], [1]-467, [468, err.]. *Copies*: MO, NY, US(2), USDA; IDC 174. – Manitz (1976) has shown that the book was not published in 1781, So far the only indication with respect to a more precise date was Wikström's statement that Ehrhart supervised the printing during the summer of 1781. This is confirmed by the letters from Fr. Ehrhart to Linnaeus fil. at LINN. Ehrhart sent the first copy of the Supplement to Linnaeus fil. only on 8 Apr 1782, adding that the rest was waiting to be despatched. It seems unlikely that any distribution took place before that date, and perhaps even for some time afterwards because in July Ehrhart reports that the copies are still with him. The first review known to us appeared in NZgS on 31 Oct 1782; a preliminary note, evidently written before the actual publication, not citing correct details, appeared in NZgS of 17 Mai 1781. Manitz provides also a detailed discussion of the authorship of the new taxa in the *Suppl. pl.* – For further editions containing parts of the text see SO 3836-3838.
German transl.: see J. J. Planer, Nachtr. sechst. Ausg., Gotha 1785.
Facsimile ed.: Tokyo 1938, p. [i-xvi], [1]-467. [468, err.], Japanese text: [i], [1]-6, [7, colophon], *1 pl. Copy*: U.
Ref.: Britten, J., J. Bot. 61: 148-151. 1923 (on Ehrhart and the Suppl. pl.).
Bryk, F., Taxon 3: 181. 1954 (bibl.).
Ehrhart, F., Beitr. Naturk. 1: 174-192. 1787 ("Meine Beiträge zum . . . Supplemento plantarum").
Exell, A. W., J. Bot. 69: 227-230. 1931 (specimens attributed to Bäck in the *Suppl. pl.*).
Manitz, H., Taxon 25: 305-322. 1976 (on F. Ehrhart and the publication of the *Suppl. pl*; important study; secondary references and extensive quotation from the correspondence between the various botanists involved in the compilation and publication).
Retzius, A. J., Fasc. obs. bot. 5: 1-8. 1789 (add., corr.).

Stoever, D. H., Leben ... C. v. Linné, 2: 126-130. 1792, Life of Charles Linnaeus 295. 1794.

Linney, William Marcus (1835-1887), American botanist in Kentucky. (*Linney*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 389; BL 1: 183; Rehder 5: 516; Tucker 1: 435.

4855. Geological Survey of Kentucky ... *Report on the botany of Madison,* Lincoln, Garrard, Washington, and Marion Counties, Kentucky ... Frankfort, Ky. [1882]. Oct. (*Rep. bot. Madison*].
Publ.: Dec 1882 (p. 3), p. [1]-57. *Copy*: USDA. – Unannotated; names of 682 vascular plants. Geological Survey of Kentucky. Reports of Progress, 1882.

Linton, Edward Francis (1848-1928), English botanist of independent means; Univ. College Oxford D. A. 1871, M. A. 1874; 1871-1875 curate at St. Paul's, Preston; 1875-1878 rector at St. George's-in-the-Fields; 1878-1888 vicar at Sprowston, Norfolk; 1888-1901 retired at Bournemouth; 1901-1920 rector at Edmondsham, Dorset; ultimately at Southbourne, Hampshire. (*E. Linton*).

HERBARIUM and TYPES: BM (British pl., 14.000), CGE (foreign). Distributed *Sets of British willows* (6 fasc., 1892-1898, 1912-1913); *British Rubi, in dried specimens,* with W. R. Linton, R. P. Murray and W. Moyle Rogers (125 nos. in 5 fasc., 1892-1895), and *Sets of British Hieracia,* with W. R. Linton, fasc. 1-4, 1896-1898, nos. 1-100. For further details see IH and Kent.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 255; Barnhart 2: 389; BL 2: 683; BM 3: 1152; Clokie p. 201; CSP 16: 803-804; Desmond p. 387; De Toni 4: xxxvii; Hortus 3: 1198 ("Linton"); IH 1 (ed.6): 361, 2: 449; Kent p. 65; Kew 3: 464; LS suppl. 16297-16299; Rehder 5: 516; Tucker 1: 435; Urban-Berl. p. 370; Zander ed. 10, p. 686, ed. 11, p. 782.
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Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 104. 1970.
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Pearsall, W. H., Fl. Surrey 56. 1931.
Praeger, R. L., Botanist in Ireland 73. 1934; Proc. Roy. Irish Acad. 7: cxxviii. 1901.

EPONYMY: *Lintonia* O. Stapf (1911) commemorates A. Linton (fl. 1904-1906), collector in East Africa.

4856. *British Hawkweeds* ["Journal of Botany" for May, June, and July, 1893]. Oct.
Publ.: Jul 1893, p. [1]-17, as reprint. *Copy*: G. – Originally published in J. Bot. 31: 145-149. Mai 1893, 177-182. Jun 1893, 195-202. Jul 1893 and to be cited from journal.

4857. *British species of Utricularia.* (Illustrated by Dorset specimens) ... Dorchester ("Dorset County Chronicle" Printing Works) 1894. Oct.
Publ.: 1894, cover, p. [i], [iii], [81]-89, *1 pl.* (col. lith. M. J. S. Hanbury). *Copy*: G. – Reprinted with cover and new preface material from Proc. Dorset nat. Hist. Antiq. Field Cl. 15: 81-89. 1894. To be cited from journal.

4858. *Flora of Bournemouth* including the Isle of Purbeck being an account of the flowering plants, ferns, &c. of the country within a twelve-mile radius of the centre of Bournemouth ... Bournemouth (H. G. Commin, ... Bright's Stores, ... W. Mate & Sons, ...) [1900], Oct. (*Fl. Bournemouth*).
Ed. 1: Jul-Aug 1900 ("list of subscribers to June 12, 1900," J. Bot. Sep 1900; Nat. Nov. Nov(2) 1900), map, p. [i]-viii, [ix] [as "vii"], 1-290. *Copies*: BR, G, MO, NY, USDA.

Ed. 2: Aug-Sep 1919 (J. Bot.), p. [i]-viii, [ix] [as "vii"], 1-304, map. *Copy*: G. "Second issue with appendix 1919 Sold by J. G. Commin, . . . and at Bright's Stores, Bornemouth . . ." A re-issue of the 1900 sheets with an appendix, a list of *Rubus* by Rev. William Moyle Rogers (1835-1920) and some minor additions.
Second Appendix, p. 304 [sic]-326, Edinburgh, Sep-Oct 1925 (n. v., see J. Bot. 63: 338. 1925), also issued with reissue of ed. 2.
Ref.: Britten, J., J. Bot. 38: 152 ("before the summer"), 361-362. Sep 1900 ("publ.").

Linton, William James (1812-1898), British engraver, botanist and political reformer; to United States, at Appledore nr. New Haven, Conn. from 1866 as private printer and publisher. (*W. J. Linton*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 389 (b. 7 Dec 1812, d. 1 Jan 1898); BB p. 189; BM 3: 1152; Desmond p. 387; DNB suppl. 1(3): 100; Jackson p. 246.
Linton, W. J., Memories, New Haven 1895 (n.v.).

4859. *The ferns of the English Lake Country*: with a list of varieties . . . London (Hamilton, Adams and Co.), Windermere (J. Garnett) 1865. Oct. (*Ferns Engl. Lake Country*).
Publ.: Sep-Dec 1865 (p. ii: Sep 1865), front., p. [i*], [i]-ii, [i]-ii [sic], [1]-124. *Copy*: MO.
Ed. 2: 1878 (p. [iii]: 13 Apr 1878), front., p. [i*], [i]-ii, [iii], [i]-ii, [1]-179, *27 pl. Copy*: NY. – Second edition. – Edited by J. M. Barnes. Windermere (J. Garnett), London (Simpkin, Marshall & Co.) s.d. Oct.

Linton, Rev. **William Richardson** (1850-1908), English botanist; ultimately vicar of Shirley (1886); brother of E. F. Linton. (*W. R. Linton*).

HERBARIUM and TYPES: LIVU (rd. 1908). – Published sets of *Hieracia*, *Salices* and *Rubi*, partly with E. F. Linton, R. P. Murray and W. M. Rogers; see under E. F. Linton. – Material at BEL, BM, DBN, GL, K, LIV, STI, UCSW.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 389; BB p. 189; BJI 1: 37; BL 2: 234, 683; BM 3: 1152; Clokie p. 201; CSP 16: 804; Desmond p. 388; De Toni 4: xxxvii; IH 1 (ed. 6): 361, 2: 449; Kent p. 65; Kew 3: 465; Rehder 5: 516; Tucker 1: 435; Urban-Berl. p. 380.
Anon., Bot. Not. 1908: 47; Irish Natural. 17: 87. 1908, J. Bot. 46: 59. 1908; Nat. Nov. 30: 149. 1908 (d.).
Bell, W., Bot. Exch. Cl. Brit. Isl. Rep. 1908: 344. 1909.
Cullen, J., Taxon 21: 729. 1972.
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E. F. L. [Linton], J. Bot. 46: 65-71. 1908 (portr.).
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Heywood, V. H., Taxon 5: 10. 1956 (herb. to LIVU).
Kent, D. H., Brit. herb. 65. 1957 (dupl. in herb. E. F. Linton, now at BM).
T. G., Naturalist 613: 51. 1908 (d.).

4860. *Flora of Derbyshire*: flowering plants, higher cryptogams, mosses and hepatics, characeae . . . London (Bemrose & Sons, . . .), Shirley Vicarage, Derbyshire (author). 1903. Oct. (*Fl. Derbyshire*).
Publ.: Oct 1903 (see Britten 1903), p. [i]-vii, [1]-455, [456-457, err.], 2 maps. *Copies*: BR, G, NY, USDA.
Ref.: Britten, J., J. Bot. 34: 16. 1896 (announced), 41: 352. Oct 1903 (will be published immediately), 41: 384. Nov 1903 (publ.), 41: 409-411. Dec 1903 (rev.).

4861. *An account of the British Hieracia* . . . London (West, Newman & Co., . . .) 1905. Oct. (*Acc. Brit. Hierac.*).
Publ.: Jan 1905 (rev. J. Bot. Apr 1905 cites Jan as month of publ.; Bot. Centralbl. 21 Mar 1905; Nat. Nov. Apr (2), p. [i]-viii, [1]-96. *Copies*: MO, NY.

Ref.: Williams, F. N., J. Bot. 43: 130-132. Apr 1905.
Fritsch, F. E., Bot. Centralbl. 98: 504-505. 16 Mai 1905 (rev.).

Liou, Tchen-ngo (*fl.* 1930), Chinese botanist. (*Liou*).

HERBARIUM and TYPES: PE; further material at A, E, NAS, NY, S, W.

BIBLIOGRAPHY and BIOGRAPHY: Hortus 3: 1198 ("Liou"); IF suppl. 4: 329; IH 2: 450 Kew 3: 466; LS Suppl. 16300-16302; MW p. 278-279, suppl. p. 205.
Anon., Rev. bryol. ser. 2. 3: 93, 151. 1930, 10: 136. 1938.
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 104. 1970.

EPONYMY: *Liouamonas* B.V. Skvortzov (1960).

4862. *Flore illustrée du Nord de la Chine* Hopei (Chihli) et ses provinces voisines ... Publiée sous la direction de M. Liou Tchen-ngo ... Académie nationale de Peiping, Peiping [Peking] Chine 1931-1935, 4 fasc. Qu. (*Fl. ill. Nord Chine*).
Fasc. 1: 1931, p. [i-iv], [1]-59, errata slip, *pl. 1-22*. by Liou, Tchen-ngo and Ling Yong.
Fasc. 2: 1933, p. [i-iv], [1]-63, *pl. 1-25* by Ling Yong.
Fasc. 3: 1934, p. [i-iv], [1]-94, *pl. 1-37* by Hao, Kin-shen.
Fasc. 4: 1935, p. [i-ii], [1]-107, *pl. 1-40* by Kung Hsien-wu.
Copies: L, US, USDA.

Lîpp, Franz Joseph (1731-1775), German botanist at Freiburg im Breisgau, "Protomedikus von Vorderösterreich." (*Lipp.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 390 (b. 20 Mai 1734, d. 8 Feb 1775); BM 3: 1153; Dryander 3: 26, 5: 334; Herder p. 91; PR 5532 (ed. 1: 6175); Rehder 5: 517; SO 469, 469a, 551; Tucker 1: 435.

EPONYMY: *Lippaya* Endlicher (1834) commemorates Georg Lippay, Baron of Szombor and Archbishop of Esztergom in Hungary, who founded a botanical garden in Endlicher's place of birth Pressburg (now Bratislava, Czechoslovakia); as well as his brother, the priest Johann (Janós) Lippay (1606-1660), a horticulturist who wrote a catalogue of the plants in that garden. *Lippia* Linnaeus (1753) commemorates Augustin Lippi (1678-1709), French traveller and botanist who collected in Egypt and was murdered in Abyssinia. The etymology of *Lippius* S. F. Gray (1821, *nom. rej.*) could not be established.

4863. *Encheiridion botanikon* specimen inaugurale, auctore Francisco Josepho Lipp, ... Vindobonae [Wien] (typis Joannis Thomae de Trattern, ...) 1765. Oct. (*Ench. bot.*).
Ed. 1: 1765, p. [1]-74, [1-14, index], [89, err.], *pl. 1-11* (uncol. copp.). *Copies*: M, MO; IDC 818.
Ed. 2: 1779, p. [1]-74, [1-14, index], *pl. 1-11* (id.). *Copy*: NY.– "Encheiridion botanikon specimen inaugurale, ... Vindobonae [Wien] (typis Joan. Thomae nobilis de Trattern, ...) 1779. Oct.

Lippert, Xaver Joseph (*fl.* 1786), German botanist and physician. (*Lippert*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1153; Dryander 4: 168, 5: 334; SO 556, 589a, 1581, add. 1581.

4864. Des Ritters Carl von Linné *Pflanzensystem* nach seinen Klassen, Ordnungen, Gattungen und Arten mit den Erkennungs und Unterscheidungszeichen. Vierzehnte nach der vorhergehenden viel vermehrte und verbesserte Auflage von Johann Andreas Murray ... Aus dem Lateinischen mit einigen Zusätzen von Xaver Joseph Lippert ... Wien (in der Johann Paul Krausischen Buchhandlung) 1786. Oct. (*Pflanzensystem*).

Original authors: Carl Linnaeus (1707-1778), Johan Andreas Murray (1740-1791). Translation dedicated to Nikolaus Joseph von Jacquin (1727-1817).
Erste Abtheilung: 1786 (p. xvi*: 18 Apr 1786), p. [i*-xvi*], [i]-xlii, [1-30, index], 1-950.
Zweite Abtheilung: 1786 (h.t. only), p. [951]-1969 [as "9689"], [1970-2048, index, sign. 6I[1](verso)- 6N[3], err. 6N[4]-6N[8]].
Copies: M, MO, NY. – German version of Murray's *Systema vegetabilium* ed. 14. Göttingen 1784.

Lippmaa, Teodor (until 1924: Lipman) (1892-1943), Estonian botanist; Dr. phil. Tartu 1926; at Tartu University as assistant lecturer (1923), lecturer (1927) and professor of botany (1930-1943); worker on vegetable pigments, geobotany and Estonian floristics. (*Lippmaa*).

HERBARIUM and TYPES: TU; further material at C, GB, H, KRAM.

BIBLIOGRAPHY and BIOGRAPHY: IH 2: 450.
Laasimer, L., Luonnon Tutkija 67 (4): 127-131. 1963 (biogr., bibl., portr.), see also Vaga et al.
Vaga, A. et al., Botaanilised uurimused (Scripta botanica, Tartu) 1: 5-223. 1961 (series of papers on Lippmaa, biogr., bibl. by Vaga; scientific ideas by K. Eichwald, J. Eilart, L. Laasimer, V. Maasing, S. Talts, H. Trass).

HANDWRITING: Botaanilised uurimused (Scripta bot., Tartu) 1: 22. 1961.

Lipschitz, Sergej Julievitsch (1905-x), Soviet botanist, bibliographer and biohistorian at Leningrad. (*Lipsch.*).

HERBARIUM and TYPES: LE.

BIBLIOGRAPHY and BIOGRAPHY: GR p. 563; IH 2: 450; Kew 3: 466-468; MW p. 279, suppl. p. 205-206; Roon p. 69-70; TL-2/3857.
Lavrenko, E. M., Bjull. Mosk. Obšč. Isp. Prirody 70(6): 143-145. 1965 (portr.) (n.v.).
Lebedev, D. V. & M. E. Kirpicznikov, Bot. Zhurn. 50(10): 1469-1480 (portr., bibl.) (n.v.).
Lipschitz, S. & J. Vassilezenko, Herbarium centrale URSS, Leningrad 1968, 142 p. (handwriting samples of Russian botanists on p. 87-136, major source of information on LE) (see e.g. Eckardt, Th., Bot. Jahrb. 89(Lit.): 31. 1969).
Shetler, S. G., Komarov bot. Inst. 90, 110, 128, 205, 208. 1967.

COMPOSITE WORKS: Komarov, *Flora URSS, Compositae-Saussurea*, 27: 361-535. 10 Aug 1962, *Scorzonera, Epilasia*, 29: 27-115. 24 Feb 1964, addenda 29: 718-760. Mar 1964.

NOTE: Lipschitz, S. J., *Genus Saussurea* D. C. (Asteraceae), Leningrad (Nauka, Sectio Leninopolitana), 284 p., was published on 24 Jan 1979 (see Taxon 28: 657. 1979).

4865. *Fragmenta monographiae generis Scorzonera* ... Mosqua [Societas naturae curiosorum mosquensis] 1935-1939, 2 parts. Oct. (*Fragm. monogr. Scorzonera*).
Pars I: 10 Feb 1935, p. [1]-163, [164], *pl. 1-56.*
Pars II: 2 Dec 1939, p. [1]-167, [168, cont.], *pl. 1-28.*
Copies: FI, USDA.

4866. *Botanicorum rossicorum lexicon biographo-bibliographicum.* Editio Societatis naturae curiosorum mosquensi. Mosquae 1947-1951, 4 vols. Oct. † (*Bot. ross. lex.*).
1: A-B, 6 Aug 1947, p. [i]-[xi], [1]-[336].
2: Bykov-Gorlenko, 20 Nov 1947, p. [1]-[336].
3: Goznizky-Ischerekow, 24 Apr 1950, p. [i]-[vii], 1-[488], err. slip.
4: Kabanov-Kiuz, 18 Oct 1951, p. [1]-[644].
Copy: FAS. – A major bio-bibliography of Russian botany. Titles also in Russian.
Ref.: Eckardt, Th., Bot. Jahrb. 76 (Lit.): 45-46. 1955.

Lipsky, Vladimir Ippolitovitch (Wladimir Hippolitowitsch) (1863-1937), Russian

botanist; explorer of Central Asia; until 1917 at Leningrad, later at Kiew and Odessa. (*Lipsky*).

HERBARIUM and TYPES: LE; other material e.g. at E.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 390; BJI 2: 107; BM 3: 1153; Bret. p. 1077; De Toni 4: xxxvii; Hortus 3: 1198 ("Lipskii"); IH 1 (ed. 6): 361, 2: 450; Kew 3: 468; MW p. 279-280, suppl. p. 206; Nordstedt p. 21; Rehder 5: 517; Tucker 1: 435-436; Zander ed. 10, p. 686, ed. 11, p. 782.
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Dörfler, J., Botaniker-Adressbuch 129. 1895.
Fedtschenko, B. A., Bot. Zhurn. 30: 37. 1945.
Gager, C. S., Brooklyn Bot. Gard. Rec. 27(3): 348. 1938.
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 104. 1970 (pl. E).
Lipschitz, S. J., Fl. URSS fontes 218-219. 1975 (bibl.).
Radde, G. F. R., Grundz. Pfl.-Verbr. Kaukasusländ. 9, 10, 15. 1899 (Veg. Erde 3); Samml. kauk. Mus. 2: portr. 1901.
Shetler, S. G., Komarov Bot. Inst. 26, 34, 39, 87, 91. 1967.
Wittrock, V. B., Acta Horti Berg. 3(2): 174. 1903.
Verdoorn, F., Chron. bot. 4: 437. 1938.

HANDWRITING: Lipschitz, S. J. & I. T. Vasilczenko, Herb. centr. URSS 111. 1968.

EPONYMY: *Lipskya* Nevski (1937); *Lipskyella* Juzepczuk (1937).

4867. *Flora Caucasi* ... S. Petersburgh 1899. Oct. (*Fl. Caucasi*).
Orig.: Nov-Dec 1899 (p. xv: Nov 1899; t.p. 1899), p. [i]-xv, [1]-584, [585]. *Copies*: FI, H, NY. – Tr. Tifl. Bot. Sada 4.
Supplementum I: 1902 (Bot. Jahrb. 24 Apr 1903; ÖbZ Jul 1902), p. [i-ii], [1]-100. *Copy*: NY.

4868. *Flora Asiae mediae* seu Turkestaniae rossicae inclusis chanatis Buchara et Chiwa. W. H. [= V.I.] Lipsky, ... Petropoli [St. Petersburg] (Typo-lithographica "Herold" ...) 1902-1905, 3 parts. Oct. (*Fl. As. med.*).
1: 1902, [i*-v*], [i], [1]-245.
2: 1903 (Nat. Nov. Aug(2) 1903), [i-v], [247]-337.
3: 1905, [i-iii], [339]-841. (Bot. Zeit. 15 Sep 1905).
Historia florae exploratae in 2: 247-338. 1903.
Copy: MO.

4868a. *Herbarium horti botanici imperialis petropolitani* (1823-1908) Editio 2. Jurjew (Typis K. Mattiesen). 1908. Oct. (*Herb. hort. bot. petrop.*).
[Ed. 1: 1898, p. 1-128, i-vi. 1898, n.v- Gerbarii imperatorskago S.-Petersburgskago botanicheskago sada ..."]
Ed. 2: 1908, p. [1]-238. *Copy*: FI – contains e.g. an alphabetical list of all collections.

Lisa, Domenico (1801-1867) Italian botanist in Piemonte, head gardner at the Torino botanical garden. (*Lisa*).

HERBARIUM and TYPES: TO (2.000); further material (e.g. musci) at PI.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(2): 456; Barnhart 2: 390 (d. 9 Mai 1867); BM 3: 1153; IH 2: 450; Morren ed. 2, p. 27; PR 5533 (ed. 1: 6178); Saccardo 1: 97, 2: 63; SBC p. 126 ("Lisa").
Burnat, É., Bull. Soc. bot. France 30: cxxii. 1883.
Candolle, Alph. de, Phytographie 429. 1880.
Cavillier, F., Boissiera 5: 60. 1941.
Sayre, G., Bryologist 80: 513. 1977 (herb.).

EPONYMY: *Lisaea* E. Boissier (1844); *Lisea* [sic] P. A. Saccardo (1877); *Lisiella* (M. C. Cooke & Massee) P. A. Saccardo (1891).

4869. *Elenco dei muschi* raccolti nei contorni di Torino . . . Torino (dalla Stamperia reale) 1837. Oct. (*Elenc. musch.*).
Publ.: 1837 (imprimatur 9 Feb 1837), p. [i]-vii, [1]-61, [62, impr.]. *Copies*: G, NY.

Lisboa, José Camillo (1822-1897), Indian botanist and physician at Bombay; died at Poona. (*Lisboa*).

HERBARIUM and TYPES: Some material at BLAT, DD and K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 390; BB p. 189; BM 3: 1153; CSP 10: 610, 16: 810; Desmond p. 388; IH 2: 450; Kew 3: 469; Rehder 5: 517; Tucker 1: 436.
Anon., J. Bombay nat. Hist. Soc. 11(2): 339. 1897 (obit., d. 1 Mai 1897); Proc. Linn. Soc. London 110: 41. 1898.

4870. *Useful plants of the Bombay presidency.* [Bombay (at the Government central Press)] 1886. (*Usef. pl. Bombay*).
Publ.: Sep-Dec 1886 (p. iii*: Aug 1886), p. [i]-xiv, [1]-307. *Copy*: HH. – Published ed in Gazetteer of the Bombay Presidency 25, Bot.: [i*-iii*], [i]-xiv, [1]-307. *Copy* of journal *publ.*: USDA.

4871. *List of Bombay grasses* and their uses . . . Bombay (printed at the Government Central Press) 1896. Qu. (*List Bombay grasses*).
Publ.: Nov-Dec 1897 (see preface p. [7] mentioning the author's death on 1 Mai 1897 and an obituary notice of Nov 1897), p. [i*-iii*], [i]-vii, preface [1]-5, [7, obit.], intr. [1]-6, *pl. 1*, [1]-142, *pl. 1-10, 11* ("*10*"), *12* ("*x*"), *13-14, 16-51, 53-72, 73* ("*54*"), *74-75* (uncol.). *Copies*: MO, USDA. – Originally published in Bombay Nat. Hist. J. 5: 116-131, 226-232, 337-349. 1890, 6: 189-219. 1891, 7: 357-390. 1892, 8: 107-119. 1 Jul 1893.

List, Friedrich Ludwig (fl. 1837), German botanist and high school teacher at Tilsit, Western Prussia. (*List*).

HERBARIUM and TYPES: KBG (destroyed).

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1154; PR 5542-5543 (ed. 1: 6189-6190); Rehder 5: 517.
Candolle, Alph. de, Phytographie 429. 1880.

EPONYMY: *Listia* E. H. F. Meyer (1836).

4872. I. *Plantae lithuanae*, quae chloridi borussici cl: Hagenii inserendae sunt. II. Salicum, quae prope Tilsam sponte crescunt, adumbrationes . . . Jahresbericht über das Königliche Gymnasium zu Tilsit für das Schuljahr Michaeli 1835/36 . . . Tilsit (Gedruckt bei Johann Heinrich Post) 1837. Qu. (*Pl. lithuan.*).
Publ.: 1837, p. [1]-12, botanical text accompanying the Jahresb. kön. Gymn. Tilsit 1835/6 (1837). *Copy*: B-S.

Lister, Arthur (1830-1908), English wine merchant and mycologist living in Bedfordshire, then at Bradford, since 1857 at Leytonstone nr. London; retired from business 1888 and often residing also at Lyme Regis; leading authority on myxomycetes. (*List.*).

HERBARIUM and TYPES: Main collection, including slides, at BM; other material at B, DBN, E, K, L.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 234, 321; Barnhart 2: 391; BB p. 189; BM 3: 1154, 7:732; CSP 16: 812; Desmond p. 388; DNB suppl. 2(2): 469; GR p. 377, cat. p. 67; Hawksworth p. 184, 196; IH 2: 450; Kelly p. 130-131; Kew 3: 470; LS 15709-15738, 36156-36162; Moebius p. 75; MW p. 280; NAF 1(1): 163; NI 1217; Stevenson p. 1249.

Ainsworth, G. C., Dict. fungi ed. 6, p. 329. 1971.
Anon., Bot. Jahrb. 431 (Beibl. 98): 57. 1909 (d.); Bot. Centralbl. 108: 480. 1908 (d.); Bot. Not. 1908: 212 (d.); Stratford Express, 25 Jul 1908, repr. at K, 7 p. (portr., b. 17 Apr 1830).
Britten, J. Bot. 46: 303. 1908.
Hawker, L. E., Trans. Brit. mycol. Soc. 35(3): frontisp. portr. 1952 (accompanying text of 1952 Lister memorial lecture).
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 104. 1970.
Kneucker, A., Allg. bot. Z. 14: 196. 1901 (d. 19 Jul 1908).
Lister, J. J., Obituary notice of Arthur Lister 1830-1908, xi p., 1915 (Proc. Roy. Soc. B, 88); Proc. Roy. Soc. ser. B. 88: [i]-xi. 1915 (obit.).
Lloyd, C. G., Mycol. Notes 58: Mar 1919 (portr.).
Murray, G., Hist. coll. BM (NH) 163. 1904.
Scott, D. H., J. Bot. 46: 331-334. 1908 (obit.).
Stapf, O., Proc. Linn. Soc. London 121: 46-47. 1909.

COMPOSITE WORKS: *Cat. Afr. pl. Welwitsch*, vol. 2(2): 479-480. 1901 (*Mycetozoa*).

NOTE: The collections made by Joseph (1827-1912) and William Henry Lister are at SRD. Arthur's son Joseph Jackson Lister (1857-1927) also published on Mycetozoa e.g. in the *Encycl. brit. ed. 11.* 19: 105-110. 1911 (see J. Bot. 65: 83. 1927, SK 1: 324-325, Proc. Linn. Soc., London 1926-27: 90-92; Barnhart 2: 391).

EPONYMY: *Listerella* E. Jahn (1906); *Listeromyces* Penzig & P. A. Saccardo (1901).

4873. *A monograph of the mycetozoa* being a descriptive catalogue of the species in the herbarium of the British Museum. Illustrated with seventy-eight plates and fifty-one woodcuts. London (Printed by order of the Trustees ...) 1894. Oct. (*Monogr. mycetozoa*).
Ed. 1: Dec 1894 (p. [v]: Nov 1894; Nat. Nov. Dec(2) 1894: published; Hedwigia rev. 15 Feb), front., p. [i-vii], [1]-224, *pl. 1-77* (uncol.). *Copies*: BR, G, MICH, MO, NY, Stevenson, U, US, USDA.
Ed. 2: Dec 1911 (p. [v]: Nov 1911; Nat. Nov. Jan(2) 1912), front., p. [i-vii], [1]-302, [1], *pl. nos. 1-200* (2 nos./pl; partly col.). *Copies*: BR, MICH, MO, NY, Stevenson, US, USDA. – Second edition revised by Guilielma Lister [1860-1949] ... London (id.) 1911.
Ed. 3: 27 Mar 1925 (date fide R. Ross in letter to M. L. Farr 18 Sep 1974; p. v: Jan 1925; J. Bot. Jun 1925), front., p. [i]-xxxii, [1]-296, *pl. nos. 1-222* (2 nos./pl.; partly col.). *Copies*: BR, G, NY, Stevenson, US, USDA. – "Third edition, revised by Guilielma Lister, ... London (id.) 1925".
Reprint ed. 3: 1965, by Johnson Reprint Corporation, New York, N.Y. 10003. *Copies*: MICH, U.
Ref.: A. P. M., Bull. Torrey Bot. Club 22: 331-334. 1895.
McBride, J. Bot. 33: 118-120. 1895; Bot. Gaz. 20: 183-185. 1895.
Fry, J. Bot. 50: 133-135. Apr 1912.

4874. *Guide to the British mycetozoa* exhibited in the Department of Botany, British Museum (Natural History) ... [London] (Printed by order of the Trustees ...) 1895. Oct. (*Guide Brit. mycetozoa*).
Ed. 1: late 1895 (Nat. Nov. Dec(2) 1895; rev. J. Bot. Mar 1896; Flora rd. 13 Apr 1896), p. [1]-42. *Copies*: BR, L, NY, USDA.
Ed. 2: Mai-Jun 1905 (p. [6]: Apr 1905; J. Bot. Jul 1905), p. [1]-48. *Copies*: L, MO, NY. – "Second edition, revised". [London] (id.).
Ed. 3: Mar-Apr 1909 (p. [6]: Jan 1909; J. Bot. Apr 1909; Bot. Centralbl. 112: 88. 1909), p. [3]-49. *Copies*: MO, USDA. – "Third edition, revised". London (id.). Revised by Gulielma Lister (1860-1949).
Ed. 4: Jun-Sep 1919 (p. [4]: Mai 1919; J. Bot. Oct 1919), p. [1]-62. *Copies*: L, USDA. – "Fourth edition" London (id.). Revised by Gulielma Lister.

4875. *Notes on Mycetozoa* ... Reprinted from the Journal of Botany for May, 1898.
1898: May 1898, p. [1]-6. *Copy*: NY. – Reprinted from J. Bot. 36: 160-161, *pl. 386*. Mai 1898.
1899: Apr 1899, p. [1]-8. *Copy*: NY. – Idem 37: 145-152, *pl. 398*. Apr 1899.

1902: Jun 1902, J. Bot. 40: 209-213, *pl. 438*. Jun 1902.

4876. *Synopsis of the orders, genera, and species of Mycetozoa*. . . . Reprinted from the "Journal of Botany", May 1907, Vol. 45.
Co-author: Gulielma Lister (1860-1949).
Publ.: Mai 1907, p. [1]-22. *Copy*: NY. – Reprinted from J. Bot. 45: 176-197. Mai 1907.

Lister, Guilielma (1860-1949), British botanist; daughter of Arthur Lister; educated at home; constant companion of her father in his studies on Mycetozoa. (*G. List.*).

HERBARIUM and TYPES: BCW (3000 British plants), SRD (340, conif.), myxomycetes at BM and L. Letters and mss. at K.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 60, 234, 325; Barnhart 2: 391; BL 2: 240, 683; BM 3: 1154, 7: 732; CSP 16: 812; Desmond p. 388; Hawksworth p. 184; IH 2: 451; Kelly p. 131; Kew 3: 470; LS 36163-36165, suppl. 16329-16368; MW p. 280; NAF 1(1): 164; SO 3510; Stevenson p. 1249; TL-2/2357.
Ainsworth, G. C. & F. L. Balfour-Browne, Nature 188: 362-363. 1960.
Anon., The Times 6 Jun 1949.
Bisby, G. R., Trans. Brit. Mycol. Soc., Fifty-Year index 16. 1952 (bibl.).
Kent, D. H., Brit. herb. 65. 1957.
Praeger, R. L., Some Irish naturalists 120-121. 1949.
Ramsbottom, J., Nature 164: 94. 1949.
Wakefield, E. M., Trans. Brit. mycol. Soc. 33: 165-166. 1950 (portr.; b. 28 Oct 1860, d. 18 Mai 1949).

COMPOSITE WORKS: (1) Miss Lister published eds. 2-3 of her father's *Monogr. Mycetozoa* as well as eds. 3-4 of his *Guide Brit. mycetozoa* (see above).
(2) Made drawings for F. J. Hanbury, *Ill. monogr. Brit. Hierac.* (1889-98) and for A. Dallimore & A. B. Jackson, *A handbook of Coniferae* (1923).

4877. *The mycetozoa*: a short history of their study in Britain; an account of their habitats generally; and a list of species recorded from Essex . . . Stratford, Essex (The Essex Field Club, . . .) London (Simpkins, Marshall & Co., Ltd. . . .) 1918. Oct. (*Mycetozoa*).
Publ: Sep-Dec 1918 (p. [v]: Sep 1918), front., p. [i-viii], [1]-54. *Copies*: NY, Stevenson, USDA. – Essex Field Club special Memoirs vol. 6. Reprinted from The Essex Naturalist 18: 207-237, 301-321. 1918.

Litardière, René de (1888-1957), French botanist; Lic. Sci. Univ. Poitiers 1908, Dr. Sci. nat. Paris 1921; 1920-1931 at the University of Lille, from 1931-1954 at the Faculté des Sciences, Grenoble; retired at Mazières-en-Gâtine; botanical explorer of Corsica. (*Litard.*).

HERBARIUM and TYPES: Material at G, LAU, MPU, RAB.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(1): 444; Barnhart 2: 391; BFM 1407; BL 1: 46, 306, 2: 683 [ind.]; Hortus 3: 1198 ("Litard."); IF suppl. 1: 83, 2: 37; IH 2: 451; Kew 3: 470-471; Langman p. 450; PFC 1: xlvi, 2(2): xxiii-xxv, 3(1): xii, 3(2): xiv-xv; Roon p. 70; TL-2/1: 767.
Becherer, A., Ber. schweiz. bot. Ges. 68: 399-402. 1958 (obit.).
Bolós, A. de, Collect. bot. 5: 601-602. 1958.
E. M. W., Trans. Brit. mycol. Soc. 33: 165-166. 1950 (portr.).
Gager, C. S., Brooklyn Bot. Gard. Rec. 27(3): 199. 1938.
Guinochet, M., Bull. Soc. Hist. nat. Afr. Nord. 49: 164-179. 1958 (obit., portr., bibl., b. 24 Jun 1888).
Malcuit, G., Bull. Soc. bot. France 1957 (Mém.): 77-89. 1958 (obit., portr., bibl., d. 24 Oct 1957); Rev. bryol. lichenol. 27: 227-230. 1958 (1959).
Retz, B. de, Soc. franç. éch. pl. vasc., fasc. 9: 6. 1960 (obit.).
Verdoorn, F., ed., Man. pteridology 637 [index]. 1938.

COMPOSITE WORKS: See Briquet, J. (TL-2/767), *Prodrome de la flore corse*.

4878. *Contributions à l'étude phytosociologique de la Corse.* Esquisse de la végétation de la Punta di Fornello ... [Paris] 1931. Oct.
Co-author: Gustave Malcuit (1882-1960).
Publ.: Dec. 1935, p. [i], [1]-19, [20], *pl. 1-5*. *Copy*: G. – Also issued as Arch. de Bot. 4(5), 1931.

Litschauer, Viktor (1879-1939), Austrian mycologist; studied at Vienna under v. Höhnel 1899-1903; lecturer at the Vienna "Gewerbemuseum" 1903-1908; from 1908-1936 professor of natural history at the "Handelsakademie", Innsbruck. (*Litsch.*).

HERBARIUM and TYPES: W. – *Fungi selecti exsiccati europaei* (with H. Lohwag) (nos. 1-200, 1931-1935), B, IB, W; *Fungi tirolenses exsiccati* (250 nos.) IB, W.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 391; GR p. 436, cat. p. 67; Hawksworth p. 184; Hirsch p. 177; IH 2: 451; Kew 3: 471; LS 12389, suppl. 16369-16372; TL-2/2862.
Anon., Hedwigia 48 (Beibl. 3): 141. 1909; J. Bot. 80: 40. 1942; Österr. bot. Z. 58: 375. 1908 (app. Innsbruck), 89: 168. 1940.
Janchen, E., Cat. fl. austr. 1: 14. 1956.
Kneucker, A., Allg. bot. Z. 14: 180. 1908 (app. Innsbruck).
Lohwag, H., Ann. mycol. 38: 89-91. 1940 (portr., bibl., d. 27 Dec 1939).

COMPOSITE WORKS: See Franz von Höhnel, publications on Corticiaceae (TL-2/2862).

EPONYMY: *Litschauerella* F. Oberwinkler (1966); *Litschaueria* F. Petrak (1923).

Little, Elbert Luther, Jr. (1907-x) American botanist; dendrologist at Washington, D. C. (*Little*).

HERBARIUM and TYPES: US. Duplicates see IH (important set at MAD).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 391 (b. 15 Oct 1907); BL 1: 208, 209; Bossert p. 240; Dawson p. 545; Hortus 3: 1198 ("Little"); IH 1 (ed. 6): 361, 2: 451; Kew 3: 471-472; Langman p. 450-451; MW suppl. p. 207; NAF 2(7): 42; Roon p. 70, SBC p. 126.
Schuster, R. M., Rep. Anthoc. N. Amer. 1: 72. 1966.
Stafleu, F. A., Taxon 13: 276. 1964 ("fifteen thousand foresters").

COMPOSITE WORKS: Prel. list. ferns seed pl. Oklahoma, with R. E. Jeffs, 28 Jun 1930; see TL-2/3323.

Litvinov [Litwinow], **Dimitri Ivanovich** (1854-1929), Russian botanist and explorer of central Asia. (*Litv.*).

HERBARIUM and TYPES: LE; for duplicates see IH. See below for *Schedae ad herbarium florae rossicae.*

BIBLIOGRAPHY and BIOGRAPHY: AG 7: 10; Barnhart 2: 391 (b. 17/29 Dec 1854; d. 5 Jul 1929); Bossert p. 240; GR p. 573; Hortus 3: 1198 ("Litv."); IH 2: 452; Stevenson p. 1249; Tucker 1; 436, 777; Urban-Berl. p. 370; Zander ed. 10, p. 689, ed. 11, p. 782.
Borodin J., Trav. Mus. bot. Acad. Sci. St. Petersb. 4: 68. 1908.
Fedtschenko, B. A., Bot. Zhurn. 30: 37. 1945.
Hedge, I. E. & J. M. Lamond, Index coll. Edinb. herb. 104. 1970.
Lipschitz, S., Fl. URSS fontes 219 [Index]. 1975.
Litvinov, D. I., [A bibliography of the flora of Siberia], Trav. Mus. bot. Acad. Sci. St. Petersb. 5: i-ix, 1-458. (ca. 1100 entries).
Shetler, S. G., Komarov. Bot. Inst. 229 [Index]. 1967.

HANDWRITING: S. V. Lipschitz & I. T. Vasilczenko, Centr. herb. USSR 111. 1968.

4879. *Schedae ad herbarium florae rossicae*, a Museo botanico Academiae imperialis scientiarum Petropolitanae editum ... I [-VII], Sanktpeterburg [St. Petersburg] 1898-1911 (*Sched. herb. fl. ross.*).

Original editor (parts i-ii): Sergei Iwanowitsch Korshinsky (1861-1900), parts iii-vii edited by Litvinov. *Copy*: USDA.
1: 1898, p. [i-iii] [17]-56 – Nos. 1-200 (fasc. 1-4).
2: 1900 (p. [iii]: 18 Feb 1900), p. [i-iii], [1]-115 – Nos. 201-600 (fasc. 5-12).
3: 1901 (p. [iii]: 11 Mai 1901), p. [i-iii], [1]-88, *1pl.* – Nos. 601-900 (fasc. 13-18).
4: 1902 (p. [iii]: 2 Dec 1902), p. [i-iii], [1]-92, – Nos. 901-1200 (fasc. 19-24).
5: 1905 (p. ii: Dec 1905), p. [i-iii], [1]-170, *1 pl.* – Nos. 1301-1600 (fasc. 25-32).
6: 1908 (p. [ii]: Feb 1908), p. [i]-iv, [1]-180, *pl 1-3.* – Nos. 1601-2000 (fasc. 33-40).
7: 1911 (p. [ii]: Nov 1911), p. [i-iii], [1]-164, – Nos. 2001-2400 (fasc. 33-48).
Ref.: Kusnezow, N.I., Bot. Centralbl. 76: 335-337. 1898 (rev.).

Liu, Ju-ch'iang (1895-x), Chinese botanist (*Liu*).

HERBARIUM and TYPES: Mainly at PE; other material at A, BH, FM, K, NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 391; IH 2: 452; MW p. 280-281.

EPONYMY: *Liuiana* B. Skvortzov (1969) is dedicated to Tan Shui Liu, Taiwan.

4880. *Systematic botany* of the flowering families in *North China* ... 124 illustrations of common Hopei plants. Peiping [Peking] (Henri Vetch, the French bookstore) 1931. (*Syst. bot. N. China*).
Publ.: 1931 (p. xii: 1 Mai 1931; Nat. Nov. Mai 1932), p. [i*-ii*], i-xxxiii, [xxxiv], [1]-213. *Copy*: USDA.

Ljungström, Ernst Leopold (1854-1943), Swedish botanist, at Lund 1883-1903; later at Stockholm. (*Ljungstr.*).

HERBARIUM and TYPES: Fungi at B, C, E, GB, LD ("Fungi suecici").

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 392; BL 2: 538, 603; BM 3: 1158, 7: 735; CSP 10; 615, 16; 818; IH 2: 453; Kew 3: 474; KR p. 467; LS 15747; Morren ed. 10, p. 105; Rehder 5: 518; Tucker 1: 437; TL-2/2426; Urban- Berl. p. 278.
Anon., Bot. Not. 1883: 30, 1933: 37, 46, 47*, 59, 62, Generalregister, Bot. Not. 50. 1939.
Gertz, O., Bot. Not. 1944: 467-487. 1944 (portr., sources, b. 26 Dec 1854, d. 27 Dec 1913).
Hasslow, O. J., Bot. Not. 1933: 37, 47. 1933.
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 104. 1970.
Nilsson-Leissner, G., Bot. Not. 1933: 59.
Wittrock, V. B., Acta Horti Berg. 3(2): 60. 1903 (b. 26 Dec 1854).

Llano, George Albert (1911-x), Cuban-born American lichenologist; student of C. W. Dodge. (*Llano*).

HERBARIUM and TYPES: FH; further material at MIN and US.

BIBLIOGRAPHY and BIOGRAPHY: Bossert p. 241; GR p. 192 (many details), *pl.* [*43*], cat. p. 67; IH 2: 451; Kew 3: 474; MW suppl. p. 209; Roon p. 70; SBC p. 126.
Ewan, J. et al., Short hist. bot. U. S. 96. 1969.
Prescott, G. W., Contr. bibl. antarct. subantarct. alg. 233. 1979.

EPONYMY: *Llanoa* C. W. Dodge (1968); *Llanolichen* Tomaselli & Ciferri (1952); *Llanomyces* Ciferri & Tomaselli (1953).

Llanos, Antonio (1806-1881), Philippine botanist; calceate Augustinian friar at Manila. (*Llanos*).

HERBARIUM and TYPES: Material at G, L and MA.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 333; Barnhart 2: 392; BM 3: 1158-1159, 7: 735; CSP 4: 62, 10: 615; IH 2: 453; Jackson p. 397, 574; Kew 3: 475; PR 5544; Rehder 5: 518; SK

p. 325; SO add. 845e; SK 1: 325, 5: ccxcvi, 8: lxi; TL-2/1: 553, see Blanco, F. M.; Tucker 1: 437.
Blanco, F. M., Fl. Filip. ed. 3. 4(1): vii-xviii.
Candolle, Alph. de, Phytographie 429. 1880.
Merrill, E. D., Enum. Philipp. pl. 4: 202. 1926 (bibl.).

EPONYMY: *Llanosia* Blanco (1845).

4881. *Fragmentos de algunas plantas de Filipinas,* no incluidas en la Flora de las islas, de la 1.a ni 2.a edicion. Dispuestas segun el sistema Linneano . . . Manila (Establecimiento tipográfico de Santo Tomás . . .) 1851. Oct. (*Fragm. pl. Filip.*).
Publ.: 1851, p. [i*], [1]-125. *Copies*: FI, G, NY. – Later also included in Blanco, *Flora de Filipinas,* Gran edición, vol. 4, 1880. (TL-2/553).

Llenas y Fernández, Manuel (fl. 1900) Spanish lichenologist; originally at Madrid; later at Barcelona. (*Llenas*).

HERBARIUM and TYPES: BC (350 Lich.)

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 393; BL 2: 499, 683; BM 7: 735; GR p. 762; IH 2: 453; LS 15749, 36168.

4882. *Ensaig d'una flora liquénica de Catalunya* per Manuel Llenas y Fernández [Barcelona 1908]. Oct. (in fours). (*Ensaig fl. liq. Catal.*).
Publ.: 1908, p. [1]-39. *Copy*: Cornell Univ. Library.

4883. *Contribución al estudio de la flora del Pirineo central* (Valle de Aran) . . . Barcelona 1912. Oct. (*Contr. fl. Pirin. centr.*)
Publ.: 1912, p. [1]-152. *Copy*: G. – Mem. Inst. Catal. Hist. nat. 1(1a).

Lloyd, Curtis Gates (1859-1926), American pharmaceutical industrialist, wholesale druggist and mycologist at Cincinnati. (*C. G. Lloyd*).

HERBARIUM and TYPES: LLO (32.000), BPI (60.000). Duplicates see IH. Phanerogam coll. on permanent loan at CINC.

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Stevenson, J. A. and E. K. Cash, The new fungus names proposed by C. G. Lloyd. Bull. Lloyd Libr. 35, 1936, mycol. ser. 8, 209 p.

NAME: C. G. Lloyd assumed the pseudonym Professor N. J. McGinty for his discovery of the name *Anthropomorphus* Seger (1688) as an earlier synonym of *Geaster*. McGinty belonged to the Poseyville Fungus Forage Club. The publication was a satire on Otto Kuntze (Mycol. writings 2: 260). See also Donk, Reinwardtia 1: 205. 1951.

NOMENCLATOR: *The new fungus names proposed by C. G. Lloyd*, see John A. Stevenson and Edith K. Cash, Bull. Lloyd Libr. 35, 1936, mycol. ser. 8, 209 p.

COMPOSITE WORKS: With J. W. Lloyd editor of the *Bulletin of the Lloyd library of botany* 1-6, 1900-1903.

EPONYMY: (*genera*): *Lloydella* G. Bresadola (1901); *Lloydellopsis* Z. Pouzar (1959); *Lloydia* C. H. Chow (1935); *Sinolloydia* C. H. Chow (1936); (journal): *Lloydia*. A quarterly journal of biological Science. Cincinnati, Ohio. Vol. 1-x. 1938-x. (also commemorating his brothers John Uri (1849-1936), American pharmacist and plant chemist, and Nelson Ashley Lloyd, the first of whom founded the Lloyd Library and Museum in Cincinnati). *Note*: *Lloydiella* A. Ahmad & M. Goldstein (1971), *Lloydina* A. Ahmad & M. Goldstein (1972), and *Neolloydia* N. L. Britton & J. N. Rose (1922) are dedicated to Francis Ernest Lloyd (1868-1947), American botanist.

4884. *Drugs and medicines of North America* a publication devoted to the historical and scientific discussion of the botany, pharmacy, chemistry and therapeutics of the medicinal plants of North America their constituents, products and sophistications . . . Cincinnati (J. U. & C. G. Lloyd) 1884-1886. Press of Robert Clarke & Co. 2 vols.† (*Drugs med. N. Amer.*).
Co-author: John Uri Lloyd (1849-1936).
Preface; [i-vii], p. iii dated Jan 1886.
1 (*1*): [1]-32, *pl. 2-4* (pl. 1 = p. 34). April 1884.
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(*5*): 145-176. Mar 1885.
(*6*): 177-208, *pl. 12-15*. Jun 1885.
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4885. *A compilation of the Volvae of the United States*. C. G. Lloyd. Cincinnati, 1898. Oct. (*Compil. Volvae U. S.*).
Publ.: 1898, p. [i-ii], [1]-21, [22]. *Copies*: NY, US.

4885a. *Mycological notes*. By C. G. Lloyd. Cincinnati, O. 1898-1926. 6 vols. (*Mycol. not.*).

Vol.	no.	pages	dates	Vol.	no.	pages	dates
1	1	1-8	Nov 1898	2	19	205-220	Mai 1905
	2	9-16	Feb 1899		20	221-244	Jun 1905

Vol.	no.	pages	dates	Vol.	no.	pages	dates
	3	17-24	Apr 1899		21	245-260	Apr 1906
	4	25-32	Nov 1899		22	261-276	Jul 1906
	5	33-48	Dec 1900		23	277-292	Aug 1906
	6	49-64	Mai 1901		24	293-308	Dec 1906
	7	65-71	Sep 1901		25	309-324	Apr 1907
	8	73-78	Nov 1901		26	325-340	Mai 1907
	9	81-96	Apr 1902		27	341-348	Jul 1907
	10	97-104	Sep 1902		28	349-364	Oct 1907
	11	105-112	Dec 1902		29	365-380	Jan 1908
	12	113-120	Dec 1902		30	381-396	Feb 1908
	13	121-132	Feb 1903		31	397-412	Aug 1908
	14	133-148	Mar 1903				
	15	149-156	Mai 1903				
	16	157-172	Mar 1904				
	17	173-188	Jun 1904				
	18	189-204	Jul 1904				

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Index . . . Vol. 2, 1905-1908, ib., p. [1]-26. *Copy*: USDA.

vol.	no.	pages	dates	vol.	no.	pages	dates
3	32	[413]-424	Feb 1909	4	38	[509]-524	Nov 1912
	33	[425]-444	Aug 1909		39	[525]-540	Dec 1915
	34	[445]-460	Feb 1910		40	[541]-556	Feb 1916
	35	[461]-476	Mar 1910		41	[557]-572	Mar 1916
	36	447 -492	Aug 1910				
	37	[493]-508	Apr 1911				

Old Species series 1: 1-12. Jun 1908: *Polyporoid issue* 1: 1-16. Feb 1908, 2: 17-32, Aug 1909, 3: 33-48. Aug 1910.
Index of the mycological writings of C. G. Lloyd. Vol. 3, 1909-1912. Cincinnati, Ohio, U.S.A., p. [1]-16; idem vol. 4, 1913-1916, ib., p. [1]-16.

Vol.	no.	pages	dates	vol.	no.	pages	dates
5	42	[573]-588	Jun 1916	6	61	[877]-903	Oct 1919
	43	[589]-604	Sep 1916		62	[904]-944	Jan 1920
	44	[605]-620	Dec 1916		63	[945]-984	Mai 1920
	45	[621]-636	Jan 1917		64	[985]-1029	Sep 1920
	46	[637]-652	Feb 1917		65	[1029]-1101	Mai 1921
	47	[653]-668	Apr 1917	7	66	[1105]-1136	Feb 1922
	48	[669]-684	Jun 1917		67	[1137]-1168	Jul 1922
	49	[685]-700	Jul 1917		68	1169 -1184	Jan 1923
	50	[701]-716	Oct 1917		69	1185-1218	Jul 1923
	51	[717]-732	Nov 1917		70	1219-1236	Sep 1923
	52	[733]-748	Dec 1918		71	1237-1268	Jan 1924
	53	[749]-764	Feb 1918		72	1269-1300	Jun 1924
	54	[765]-780	Jun 1918		73	1301-1332	Oct 1924
	55	[781]-796	Aug 1918		74	1333-1348	Mar 1925
	56	[797]-812	Oct 1918		75	1349-1364	Jul 1925
	57	[829]-844	Apr 1919 [sic]				
	58	[813]-828	Mar 1919				
	59	[845]-860	Jun 1919				
	60	[861]-876	Aug 1919				

Index of the mycological writings of C. G. Lloyd. Vol. 5, 1916-1919. Cincinnati, Ohio, U.S.A., p. [1]-24. *Copy*: USDA.
Index ... Vol. 6, 1920-1921, ib., p. [1]-16.
Index ... Vol. 7, 1922-1925, ib., p. [1]-14.
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Plates (separately issued for nos. 62-65. separately but with text in vol. 7) (*copy*: US).

Vol.	no.	plates	dates	Vol.	no.	plates	dates
6	62	*140-154*	Feb 1920	7	66	*187-201*	Feb 1922
	64	*156-170*	Sep 1920		67	*203-217*	Jul 1922
	65	*171-185*	Nov 1920		68	*219-233*	Jan 1923
					69	*235-249*	Jul 1923
					70	*250-264*	Sep 1923
					71	*266-280*	Jan 1924
					72	*282-296*	Jun 1924
					73	*298-312*	Oct 1924
					74	*314-328*	Mar 1925
					75	*330-344*	Jul 1925

4886. *The genera of Gasteromycetes* ... Cincinnati, Ohio, U.S.A. January 1902. Oct. (*Gen. Gasteromyc.*)
Publ.: Jan 1902 (t.p., TBC 24 Mar 1902; J. Bot. Mai 1902), p. [1]-24, *fig. 1-49. Copies*: B, G, L, NY, US, USDA.

4887. *The Geastrae* ... Cincinnati, Ohio. 1902. Oct. (*Geastrae*).
Publ.: Jun 1902 (t.p., Fern Bull. Jul 1902; TBC 31 Oct 1902; J. Bot. Sep 1902), p. [1]-43, [44, index], *fig. 1-80. Copies*: MICH, NY, US, USDA. – Bull. Lloyd Libr. no. 5, mycol. ser. no. 2.

4888. *The Lycoperdaceae of Australia*, New Zealand and neighboring islands ... Cincinnati, Ohio. 1905. Oct. (*Lycoperd. Australia*).
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4889. *The Tylostomeae* illustrated with twelve plates and six figures ... Cincinnati, Ohio, U.S.A. February 1906. Oct. (*Tylostomeae*).
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4890. *The Nidulariaceae* or "bird's nest fungi" illustrated with ten plates and twenty figures ... Cincinnati, Ohio, U. S. A. December 1906. Oct. (*Nidulariaceae*).
Publ.: Dec 1906 (t.p.), p. [1]-32, *fig. 1-20. Copies*: NY, US, USDA.

4891. *The phalloids of Australasia* an account of what is known, or rather what little is known, of the subject, and illustrations (more or less accurate) of the species that have been figured by C. G. Lloyd. Cincinnati, Ohio, U.S.A. July 1907. Oct. (*Phalloids Australas.*).
Publ.: Jul 1907 (t.p.), p. [1]-24. *Copies*: NY, US.

4892. *Synopsis of the known phalloids* ... with an illustration of each species. Cincinnati, Ohio. September 1909. Oct. (*Syn. phalloids*).
Publ.: Sep 1909, p. [1]-96, *fig. 1-104. Copies*: NY, US, USDA.

4893. *Synopsis of the genus Hexagona* ... Cincinnati, Ohio, U.S.A. June 1910. Oct. (*Syn. Hexagona*).
Publ.: Jun 1910, p. [i-ii], 1-46, *fig. 276-330.*
Polystictus: Aug 1910, p. [47]-70, *fig. 336-356. Synopsis* of the sections Microporus, Tabacinus and Funales *of the genus Polystictus* (*Syn. Polystictus*).
Ovinus: Oct 1911, p. [71]-94, *fig. 496-509.* – *Synopsis* of the section *Ovinus* of Polyporus (*Syn. Ovinus*).

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Fomes: Jan 1915, p. [209]-288, *fig. 570-610.* – *Synopsis of the genus Fomes* (*Syn. Fomes*).
Apus: Jun 1915, p. [289]-392, *fig. 631-706.* – *Synopsis of the section Apus of the genus Polyporus.* (*Syn. Apus*).
Copies: NY, US, USDA.

4894. *Synopsis of the genus Cladoderris* ... Cincinnati, Ohio. U.S.A. July 1913. Oct. (*Syn. Cladoderris*).
Publ.: Jul 1913 (t.p.), p. [1]-12, *fig. 520-530.*
Stereums: Dec 1913, p. [13]-44, *fig. 531-564.* – *Synopsis of the stipitate Stereums.* (*Stip. Stereums*).
Copies: NY, US, USDA.

4895. *Synopsis of the Cordyceps of Australasia* ... Cincinnati, Ohio, U.S.A. Mar 1915. Oct. (*Syn. Cordyceps Australas.*).
Publ.: Mar 1915, p. [1]-12, *fig. 611-626. Copies*: NY, US, USDA.

4896. *The Geoglossaceae* (Viz., The genus Geoglossum and related genera) ... Cincinnati, Ohio, U.S.A. Mai 1916. Oct. (*Geoglossaceae*).
Publ.: Mai 1916 (t.p.), p. [1]-24, *fig. 782-807. Copies*: US, USDA.

4897. *Synopsis of some genera of the large Pyrenomycetes* Camillea Thamnomyces Engleromyces ... Cincinnati, Ohio, U.S.A. January 1917. Oct. (*Syn. large Pyrenomyc.*)
Publ.: Jan 1917 (t.p.), p. [1]-15. *fig. 826-857.*
Large Pyrenomyc.: Jul. 1919 (t.p.), p. [16]-32, *fig. 1444-1460.*
Copies: US, USDA.

4898. *The genus Radulum* ... Cincinnati, Ohio, U.S.A. Mai 1917. Oct. (*Radulum*).
Publ.: Mai 1917, p. [1]-12, *fig. 961-984. Copy*: US.

4899. *The myths of mycology* as noted by C. G. Lloyd. Cincinnati, O. Part 1. December 1917. Oct. † (*Myths mycol.*).
1: Dec 1917, p. 1-16, *5 figs. Copies*: US, USDA.

4900. *Xylaria notes* by C. G. Lloyd. Cincinnati, O. Number 1. September 1918. Oct. (*Xylaria*).
1: Sep 1918, p. 1-16, *fig. 1200-1236.*
2: Dec 1918, p. 17-32, *fig. 1324-1357.*
Copies: US, USDA.

Lloyd, George N. (1804-1889), British botanist at Edinburgh. (*G. N. Lloyd*).

HERBARIUM and TYPES: 1250 sheets at K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 393; BB p. 190; BM 3: 1159; Desmond p. 390; IH 2: 453; Jackson p. 9; Kew 3: 477; PR 5545 (ed. 1: 6192); Rehder 5: 518; SO 831.
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C. V. B. M., Bull. misc. Inf. Kew 1923: 189-190 (herb. at K).

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4901. *Botanical terminology*, or dictionary explaining the terms most generally employed in systematic botany ... Edinburgh (printed for Bell & Bradfute), London (Longman, Rees, Orme, Brown & Green; and James Duncan) 1826. Duod. (*Bot. termin.*).
Publ.: 1826, p. [i]-vii, [1]-228. *Copy*: MICH.

Lloyd, James (1810-1896), British-born botanist educated and living at Thouaré and Nantes in France. (*J. Lloyd*).

HERBARIUM and TYPES: NTM. Exsiccatae: *Algues de l'Ouest de la France*, fasc. i-xix, nos. 1-380, 1847-1868, sets at AUT, MPU, NCY, OXF, PC (Sayre did not see fascicle 19, nos. 361-380; the IH data do not show conclusively that this fascicle was indeed published). Algae at BR (fide Newton 1952). 30 Letters to Malinvaud at P.

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Anon., Bot. Gaz. 23: 228. 1897; Bot. Jahrb. 22 (Beibl. 55): 11. 1896 (d.); Bot. Not. 1897: 47 (d.); Bull. Soc. bot. Deux-Sèvres 1905: *pl. 2*. 1896 (portr.), 17: *pl. 2*. 1906; Bull. Soc. bot. France 43: 266. 1896; J. Bot., Morot, Bull. bibl. 11(1): xii. 1897 (disposition estate); Nat. Nov. 18: 357. 1896 (d. 10 Mai 1897); Österr. bot. Z. 47: 107. 1897 (herb. to Angers).
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Fournier, E., Bull. Soc. bot. France 8: 767-768. 1863 (herb., then still private).
Cadeceau, E., Anal. Soc. acad. Nantes ser. 7. 7: 181-203. 1896 (portr.); Bull. Soc. Sci. nat. Ouest France 6(1): 137-156. 1896 (portr., bibl.), 6(3): 137-156. 1896 (portr., bibl., biogr., b. 17 Mar 1810, d. 10 Mai 1896, epon.), also reprinted as: "Notice sur la vie et les travaux de James Lloyd".
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HANDWRITING: Bull. Soc. Sci. nat. Ouest [Nantes] 6(3): *pl.* foll. p. 156. [1896]; Ann. Soc. Acad. Nantes ser. 7. 7: foll. p. 203, 1896.

4902. *Flore de la Loire-Inférieure*, . . . Nantes (Prosper Sebire, Libraire) 1844, 18-mo. (sign. 12/24 p. alternate). (*Fl. Loire-Inf.*)
Publ.: 1844 (p. 38: 1 Mai 1844), p. [i-v], [1]-38, [1-2], [i]-xxxii, [1]-335. *Copies*: FI, G, MO, USDA.
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4903. *Notes pour servir la flore de l'ouest de la France* . . . Nantes (J. Forest, ainé, . . .) 1851. (*Notes fl. ouest France*).
Publ.: 1851, p. [1]-30. *Copy*: FI (inf. C. Steinberg).

4904. *Flore de l'Ouest de la France*, ou description des plantes qui croissent spontanément dans les départements de: Charente-inférieure, Deux-Sèvres, Vendée, Loire-inférieure, Morbihan, Finistère, Côtes-du-Nord, Ille-et-Villaine . . . Nantes (J. Forest ainé, Libraire, . . .) 1854. 18-mo. (*Fl. Ouest France*).
Ed. 1: Jun 1854 (p. 121: 15 Mai 1854; rd. Soc. bot. Fr. 26 Jul 1854, see BSbF 1: 135-137, 158. 1854), p. [i, iii, v], [1]-576. *Copies*: G, USDA.
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Ed. 4 (second issue): Jan-Feb 1889 (Nat. Nov. Mar 1889; Bot. Centralbl. 19 Mar 1889; Bot. Zeit. 31 Mai 1889 (n.v.).
Ed. 5: Jan-Feb 1898 (wrapper 1898; p. 458 dated 1 Jan 1898; Nat. Nov. Mar(2) "1898 as of

"1898"; Bot. Zeit. 16 Jun 1898), portr., p. [i*, iii*], [i]-cxxiv, [cxxv], [1]-458, [2]. *Copies*: G, US. – Published by Émile Jules Arthur Gadeceau, (1845-1928). Nantes (R. Guist'hau) 1897. Oct. Wrapper dated 1898. Appendix also by E. J. A. Gadeceau.
Ed. 5, reissue: 1908 (n.v., see Nat. Nov. Dec(1) 1908).
Ref.: Malinvaud, E., Bull. Soc. bot. France 33 (bibl.): 92-94. 1886 (rev. ed. 4).

4905. *Flore de l'Ouest de la France. Herborisations* de 1876, 1877 ... [Nantes Jan 1878]. Oct. (*Fl. Ouest France, Herbor.*).
1876/77: Jan 1878 (p. 16: 30 Dec 1877; presented to Soc. bot. France 8 Feb 1879), 16 p. (see BSbF 25 (Bibl.): 147-148. 1879.
1878/79: Jan 1880 (p. 16: 30 Dec 1879; presented id. 13 Feb 1880). p. [1]-16. *Copy*: G.

Lobarzewski, Hyacinth Strzemù von (1816-1862), Galician bryologist, professor of botany at Lemberg. (*Lobarz.*).

HERBARIUM and TYPES: B (musci); destroyed except for material in the genera which were saved such as *Dicranella* and *Campylopus* (inf. P. Hiepko).

BIBLIOGRAPHY and BIOGRAPHY: AG 12(1): 426; Barnhart 2: 393; BM 3: 1159; Bossert p. 241; Cesati p. 44; CSP 4: 65; De Toni 1: lxxix; IH 2: 454; Jackson p. 266; Kew 3: 478; Nordstedt p. 22; PR (alph.); Rehder 5: 518; Saccardo 1: 97; SBC p. 126 ("Lobar."); Urban-Berl. p. 306.
Anon., Bonplandia 10(3): 47. 1862 (d. 4 Jan 1862); Bot. Zeit. 20: 112. 1862; Österr. bot. Z. 12: 52. 1862 (d.).
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Lobb, Thomas (1820-1894), British plant collector and explorer for Veitch and Son (1843-1860) who collected in India and the Malesian area. (*T. Lobb*).

HERBARIUM and TYPES: The original Veitch herbarium is at K; duplicates are widely distributed; see IH and SK (itin.).

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Lobb, William, (1809-1863), British plant collector and explorer for Veitch & Son who collected mainly in the Americas; brother of Thomas Lobb. (*W. Lobb*).

HERBARIUM and TYPES: The original Veitch herbarium is at K; duplicates in many herbaria, see IH.

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HANDWRITING: Univ. Calif. Publ. Bot. 67: *pl. 1.* 1973.

EPONYMY: *Lobbia* J. E. Planchon (1847; also dedicated to his younger brother Thomas Lobb (1820-1894), q.v.).

L'Obel, Mathias de [Lobel, Lobelius] (1538-1616), Flemish botanist; worked with Rondelet at Montpellier 1565-1566; from 1566-1572 in England; from 1572-1584 in the Netherlands, from 1584 again in England; botanist to James I; curator of Lord Edward Zouche's garden at Hackney. (*Lobel*).

HERBARIUM and TYPES: No herbarium material known to be extant. Legré states that after Rondelet's death in 1566, Pena and l'Obel went to London, taking their herbaria with them. At the time of l'Obel's stay with Rondelet at Montpellier herbaria were being made by Rondelet and his disciples.

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 249; Backer p. 333; Barnhart 2: 394; BB p. 191; Blunt p. 300; BM 3: 1160, 4: 1541; Bossert p. 241; Desmond p. 391; Dryander 5: 335; DSB 8: 435-436; Frank 3(Anh.): 60; GR p. 97; Hegi 4 (1): 160, 6 (1): 392; Henrey 1: 284, 2: 374; Herder p. 82, 83, 408; HU 126, 127, 183; Jackson p. 27, 28, 574; JW 1: 446, 2: 196, 3: 360, 4: 396, 5: 245 (q.v. for several unusual sources); Kew 3: 478; Langman p. 452; Lasègue p. 15, 574; LS 15785; Moebius 24, 32, 37, 120, 142; NI 1218-1220; Oudemans 2: 221; Plesch p. 313-314; PR 5548-5550; Rehder 5: 518; Saccardo cron. p. xxv; TL-2/4308; Tucker 1: 437.

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Morren, E., Mathias de l'Obel, sa vie & ses oeuvres, 1530-1616. Liège 1875, 25 p. (Bull. Féd. Soc. Hort. Belg. 1875).
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White, J. W., Fl. Bristol 48-50. 1872 (1912?)

COMPOSITE WORKS: Edited Dodoens, *Stirpium historiae pemptades sex*, 1583 (TL-2/1489).

EPONYMY (genera): *Bolelia* Rafinesque (1832, *nom. rej.*; anagram); *Lobelia* Linnaeus (1753); *Lobelia* P. Miller (1754); *Lobeliaepollenites* E. Nagy (1969); (journal): *Lobelia* see under C. E. Morren.

4906. *Stirpium adversaria nova*, perfactis vestigatio luculemtaque accessio ad priscorum, presertim Dioscoridis & recentiorum, materiam medicam. Quibus propediem accedet altera pars . . . authoribus. Petro Pena & Mathia de Lobel, medicis. [Londini 1571]. Fol. (in tern.) (*Stirp. advers.*).
Co-author: Pierre Pena (ca. 1535-ca. 1600).
Publ.: Jan 1571 [p. [458]), p. [i-xxi], 1-455, [456-458]. *Copy*: USDA. *Printer*: Purfoot.
Ed. 2: 1576, see below, *Pl. stirp. hist.*
Other ed.: 1605 (front., priv. (1), ded. (2), poem (1), corr. (3), Clariss. et honorabilis . . . [1]-156, Diluc. simpl. (2), in stirp. adv. index. (11), Stirp. adv. nova 1-549). *Copy*: FI (inf. C. Steinberg, see also BM 3: 1160; Junk. Cat. 214: no. 200. 1979).

4907. *Plantarum seu stirpium historia*, Matthiae de Lobel Insularii. Cui annexum est adversariiorum volumen. Reliqua sequens pagina indicabit. Antverpiae [Antwerpen], (ex officina Christophori Plantini Architypographi regii) 1576. Qu. (*Pl. stirp. hist.*).
Publ.: 1576, p. [1]-671 (i. e. 676: many pages wrongly numbered).
Adversaria 1576 (coloph. 7 calend. Aug 1576), p. [i-iv], 1-471, Form. remed. 1-15, indices 1-14, [15-26], [1-3 ills.]. "*Nova stirpium adversaria* perfacilis vestigatio luculentaque accessio ad priscorum, praesertim Dioscoridis & recentiorum, materiam medicam: auctoribus Petro Pena et Matthia de Lobel . . . quibus accessit appendix cum indice variarum linguarum locupletissimo eodem M. de Lobel auctore. Additis Guillielmi Rondelletii aliquot remediorum formulis, nunquam antehac in lucem editis." Antverpiae (apud Christophorum Plantinum . . .) 1576. Qu. (*Nov. stirp. advers.*)
Co-author of adversaria: Pierre Pena (ca. 1535-ca. 1600). For a first version of these *Adversaria* see above, no. 4906. *Author of Form. remed.*: Guillaume Rondelet (1507-1566).
Copies: BR, MO, NY. Copies vary. For further details and a precise collation see e.g. HU 126 and 127; Sotheby 468 for a different issue of the preface; NI 1218 on illustrations.

4908. *Kruydtboeck* oft beschrijvinghe van allerleye ghewassen, kruyderen, hesteren, ende gheboomten: deur Matthias De L'Obel . . . t'Antwerpen (by Christoffel Plantyn) 1581. Fol. (in tern.) (*Kruydtb.*).
Publ.: 1581 (p. [x]:1 Mai 1581), p. [i-xii], 1-994, 1-312, 1-15, [1-64, indexes], *2 pl.* – Over 2100 woodcuts (250 bought from Purfoot). *Copies*: BR, MO, U(2); IDC 7669. – See

Sotheby 469 for a collation of the former Plesch copy, and Voet (1972) for a note on coloured copies. – Dutch version of the *Pl. stirp. hist.*
Ref.: Voet, L., The golden compases 2: 243, 288. 1972 (1974).

4909. *Plantarum seu stirpium icones.* Antverpiae [Antwerpen] (ex officina Christophori Plantini, architypographi regii) 1581. Qu. oblong (*Pl. icon.*).
Publ.: 1581 (p. [iv]: Jun 1581), p. [i-viii], 1-816; 1-280, [1-33, indexes, sign. Tt-Xx⁴Yy⁶]. *Copies*: BR, G, L, M, NY; IDC 7676. Anonymous, traditionally, but erroneously attributed to Lobel. The initiative to republish these 2173 woodcut illustrations without text (except for an introductory letter by Plantyn, indexes and names) was taken by Gobelius, physician to the Duke of Prussia; the execution was by Plantyn (see Louis 1957, p. 188). For collation see e.g. HU 138; for ills. see NI 1220.
Reissue (1): 1591, p. [i-viii], 1-816, 1-280, [1-54 indexes, sign. + − 7 + ⁴]. *Copies*: BR, FI, G, MO, NY.– "*Icones stirpium*" seu plantarum tam exoticarum, quam indigenarum, in gratiam rei herbariae studiosorum in duas partes digestae. Cum septem linguarum indicibus, ad diversarum nationum usum. Antverpiae [Antwerpen] 1591. (*Icon. stirp.*)
Reissue(2): 1655, p. [i-xxxviii], 1-170. *Copies*: FI, NY. – Matthiae de L'Obel M. D. Botanographi regii eximii *Stirpium illustrationes*. Plurimas elaborantes inauditas plantas, subreptitiis Joh: Parkinsoni rapsodiis (ex codice MS in salutato) sparsim gravatae. Ejusdem adjecta sunt ad calcem Theatri botanici ... Accurante Guil: How, Anglo. Londini (typis Tho: Warren, ...) 1655. Qu. (*Stirp. ill.*).
Ref.: Arber, A., Herbals 91, 176, 280. 1953.

Locke, John (1792-1856), American geologist, botanist, physician, inventor; M. D. Yale 1819; from 1823 living at Cincinnati (Ohio), leading a preparatory school from 1823; professor of chemistry in the Medical College of Ohio from 1835; collaborator in the geological survey of Ohio. (*Locke*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Appl. Cycl. 3: 751; Barnhart 2: 394 (b. 19 Feb 1792, d. 10 Jul 1856); CSP 4: 67-68, 8: 248; DAB 11: 337-338 (by C. W. Mitman); Jackson p. 37; Kelly, Cycl. 2: 105, 106; Lenley p. 463; ME 1: 207, 3: 617; Merrill p. 704, 726; Nickles p. 669-670; PR 5557 (ed. 1: 6204); Quenstedt p. 266; SO 813a.
Clarke, J. M., James Hall of Albany 87, 218. 1923.
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Waller, A. E., Dr. John Locke, early Ohio Scientist (1792-1856), 28 p., reprinted from Ohio St. arch. hist. Soc. Quart. Oct-Dec 1946 (biogr.).
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4910. *Outlines of botany,* taken chiefly from Smith's Introduction; containing an explanation of botanical terms and an illustration of the system of Linnaeus. Also some account of natural orders, and the anatomy and physiology of vegetables. Illustrated by engravings. For the use of schools and students ... Boston (published by Cummings and Hilliard, for the author) 1819. Duod. (in sixes). (*Outl. bot.*)
Publ.: 1819 (p. xiii: 23 Jul 1819), p. [i]-xiii, [xv], [1]-161, *pl. 1-14, 15a, 15b, 16. Copy*: MO. – Other ed. Boston 1824 (Rehder 1: 85).

Lodder, Jacomina (1905-x), Dutch mycologist at Delft; specialist on yeasts. (*Lodder*).

HERBARIUM and TYPES: Original material in CBS collections.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 213, 332.

COMPOSITE WORKS: With Nellie J. W. Kreger-van Rij (1920-x) *The yeasts,* a taxonomic study, Amsterdam 1952, 713 p.; ed. 2. 1970. (Taxon 2: 34 Mar 1953).

EPONYMY: *Lodderomyces* J. P. van der Walt (1966).

4911. *Die Hefesammlung* des "Centraalbureau voor Schimmelcultures" Beiträge zu einer Monographie der Hefearten. II. Teil die anaskoporogenen Hefen erste Hälfte ... Amsterdam (N.V. Noord-Hollandsche Uitgevers-Maatschappij, Amsterdam) 1934. Oct. (*Hefesammlung*).
Erste Hälfte: 1934 (Nat. Nov. Apr 1935), p. [i]-ix, [xi], [1]-256. *Copy*: Stevenson.
Zweite Hälfte: 1942, p. [i]-xii, [1[-511. *Copy*: USDA. – *Co-author*: H. A. Diddens. – N.V. Noord-Hollandsche Uitgevers-Maatschappij, Amsterdam 1942. Oct.

Loddiges, Conrad [L.] (1738-1826), Dutch-born British horticulturist who settled in England about 1761 as nurseryman at Hackney and who introduced many plants into the British Isles, especially from the United States. (*Lodd.*).

HERBARIUM and TYPES: some material at CGE and K. – The original drawings from the Botanical Cabinet are at BM.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 707; Barnhart 2: 395; BB p. 192; Blunt p. 209, 212; BM 1: 207, 3: 1162; Bret. p. 281; Desmond p. 392; Dryander 3: 100, 5: 335; DU 187;Frank 3(Anh.): 60; GF p.85; Henrey 2: 727, 3: 78; Herder p. 146, 287, 360; Hortus 3: 1198 ("Lodd."); IH 2: 455; Jackson p. 574; Kew 3: 480; Langman p. 452; Lasègue p. 530, 574; MW p. 282-284, suppl. p. 210; NI 2228 (sub Botanical Cabinet); Plesch p. 314-315; PR 5558-5561 (ed. 1: 6205-6208); Rehder 5: 519; SK 1: 326; Tucker 1: 437; Zander ed. 10, p. 686, ed. 11, p. 782.
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White, A. & B. L. Sloane, The Stapelieae 20. 1933, ed. 2, 87, 776, 949
Wilson, E. H., Plant hunting 2: 71. 1927.

EPONYMY: *Loddigesia* Sims (1806).

4912. *A catalogue of plants and seeds* which are sold by Conrad Loddiges, nursery and seedsman, at Hackney, near London. Verzeichnis von Pflanzen und Saamen welche um billige Preisse zu haben sind bey Conrad Loddiges, ... London (Gedruckt, und zu haben bey C. Heydinger, Buchhandler, ...) 1777. Oct. (in fours). (*Cat. pl. seeds*).
Publ.: 1777, p. [i]-iv, [1]-54, [1, err.]. *Copy*; M.

4913. *Catalogue of plants*, which are sold by Conrad Loddiges and sons, nursery and seedsman at Hackney near London. London (printed by Plummer and Brewis, ...) [headline:] 1814. Oct. (in fours). (*Cat. pl.*)
Ed. [9]: 1814. *Copy*: G. – For ed. 1 see above, *Cat. pl. seeds*. editions 2-8 were not seen by us; they are also not reported by Harvey (1973).
Ed. 11: 1818, p. [1]-51, [52, dated 1 Mar 1818]. *Copy*: BR, USDA. – "*Catalogue of plants*", which are sold by Conrad Loddiges & sons, nursery and seedsman, at Hackney, near London. The eleventh edition. London (Printed by W. Wilson, ...) 1818. Oct (in fours).
Ed. 12: 1820, p. [1]-55, [56, dated 1 Mar 1820]. *Copies*: G, NY, US. – "*Catalogue* ... London. The twelfth edition." London (printed by W. Wilson, ...) 1820. Oct (in fours).
Ed. 13: 1823, p. [1]-48. *Copies*: G, US. – "*Catalogue* ... London. The thirteenth edition." London (printed by W. Wilson, ...) 1823. Oct. (in fours).
Ed. 14: 1826, p. [1]-78. *Copies*: G, US. – "*Catalogue* ... London. The Fourteenth edition." London (printed by W. Wilson, ...) 1826. Oct. (in fours).
Ed. 15: 1830, p. [1]-79. *Copy*: G. – "*Catalogue* ... London. The fifteenth edition." London (printed by W. Wilson, ...) 1830. Oct. (in fours).

Ed. 16: 1836, p. [1]-85. *Copy*: M. – "*Catalogue* – London. The sixteenth edition". London (printed by Wilson & son, . . .) 1836. Oct. (in fours).
Harvey (1973) mentions further issues from 1839, 1841, 1842, 1844 and 1849.
Ref.: Harvey, J., Early hortic. cat., Bath 1973, p. 13-14.

4914. *The botanical cabinet* consisting of coloured delineations of plants, from all countries, with a short account of each, directions for mangement &c. &c. London (John and Arthur Arch, John Hatchard, C. Loddiges & Sons, G. Cooke) 1817-1833, 20 vols. Qu. and Duod. [simultaneous editions]. (*Bot. Cab.*).
Publ.: Published by "Conrad Loddiges and sons"; however, the editorial work was done by the son, George (1784-1846) only. The drawings are by G. Loddiges, W. Loddiges, Miss J. Loddiges, George Cooke, W. I. Cooke, E. W. Cooke, Miss Rebello, T. Boys, W. Miller, P. Heath and J. P. Heath; the engravings are by George Cooke. – Published in monthly fascicles of 10 plates each. The fascicles make up a volume. 2000 hand-coloured plates (and no 684* uncoloured). The quarto edition has fully coloured plates; those of the duodecimo edition are partially coloured. E. W. Cooke, in a letter to Berkeley inserted in the MICH copy relates, on 22 Oct 1879, that the original drawings were at that time in the hands of his mother but that the copper plates were no longer available for making further prints: ". . . the whole of the 2000 copper plates were stolen by one of Loddiges' men from his library in the Garden . . ." *Copies*: US(qu.), USDA (Oct.); IDC 5312.

vol. 1: 1817 (t.p.) p. [i, t.p.], [4, intr.], *pl. 1-100* each with 1-2 p. text, [3, index]
2: 1818 (t.p.), p. [i], *pl. 101-200*, id., [3, ind.]
3: 1818 (t.p.), p. [i], *pl. 201-300*, id., [3, ind.] 2 pl. + [9] p. text on hothouses.
4: 1819 (t.p.), p. [i], *pl. 301-400*, id., [3, ind.].
5: 1820 (t.p.), p. [i], *pl. 401-500*, id., [3, ind.], Catalogue ed. 12 [1]-55, [56].
6: 1821 (t.p.), p. [i], *pl. 501-600*, id. [3, ind.]
7: 1822 (t.p.), p. [i], *pl. 601-684, 684*, 685-700*, [3, ind.].
8: 1823 (t.p.), p. [i], *pl. 701-800*, id., [3, ind.]. Catalogue ed. 13. [1]-48.
9: 1824 (t.p.), p. [i], *pl. 801-900*, id., [3, ind.].
10: 1824 (t.p.), p. [i], *pl. 901-1000*, id., [3, ind.].
11: 1825 (t.p.), p. [i], *pl. 1001-1100*, id., [3, ind.].
12: 1826 (t.p.), p. [i], *pl. 1101-1200*, id., [3, ind.], Catalogue ed. 14, 1-78.
13: 1827 (t.p.), p. [i], *pl. 1201-1300*, id., [3, ind.].
14: 1828 (t.p.), p. [i], *pl. 1301-1400*, id., [3, ind.].
15: 1828 (t.p.), p. [i], *pl. 1401-1500*, id., [3, ind.].
16: 1829 (t.p.), p. [i], *pl. 1501-1600*, id., [3, ind.].
17: 1830 (t.p.), p. [i], *pl. 1601-1700*, id., [3, ind.].
18: 1831 (t.p.), p. [i], *pl. 1701-1800*, id., [3, ind.].
19: 1832 (t.p.), p. [i], *pl. 1801-1900*, id., [3, ind.].
20: 1833 (t.p.), p. [i], *pl. 1901-2000*, id., [3, ind.],
[USDA copy: 19 p. indexes].

vol.	fasc.	*plates*	dates	vol.	fasc.	*plates*	dates
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	2	*11-20*	Jun 1817		6	*151-160*	Aug 1818
	3	*21-30*	Jul 1817		7	*161-170*	Sep 1818
	4	*31-40*	Aug 1817		8	*171-180*	Oct 1818
	5	*41-50*	Sep 1817		9	*181-190*	Nov 1818
	6	*51-60*	Oct 1817		10	*191-200*	Dec 1818
	7	*61-70*	Nov 1817				
	8	*71-80*	Dec 1817	3	1	*201-210*	Jan 1819
	9	*81-90*	Jan 1818		2	*211-220*	Feb 1819
	10	*91-100*	Feb 1818		3	*221-230*	Mar 1819
					4	*231-240*	Apr 1819
2	1	*101-110*	Mar 1818		5	*241-250*	Mai 1819
	2	*111-120*	Apr 1818		6	*251-260*	Jun 1819
	3	*121-130*	May 1818		7	*261-270*	Jul 1819
	4	*131-140*	Jun 1818		8	*271-280*	Aug 1819

vol.	fasc.	*plates*	dates
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	10	*291-300*	Oct 1819
4	1	*301-310*	Nov 1819
	2	*311-320*	Dec 1819
	3	*321-330*	Jan 1820
	4	*331-340*	Feb 1820
	5	*341-350*	Mar 1820
	6	*351-360*	Apr 1820
	7	*361-370*	Mai 1820
	8	*371-380*	Jun 1820
	9	*381-390*	Jul 1820
	10	*391-400*	Aug 1820
5	1	*401-410*	Sep 1820
	2	*411-420*	Oct 1820
	3	*421-430*	Nov 1820
	4	*431-440*	Dec 1820
	5	*441-450*	Jan 1821
	6	*451-460*	Feb 1821
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	9	*481-490*	Mai 1821
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	4	*531-540*	Oct 1821
	5	*541-550*	Nov 1821
	6	*551-560*	Dec 1821
	7	*561-570*	Jan 1822
	8	*571-580*	Feb 1822
	9	*581-590*	Mar 1822
	10	*591-600*	Apr 1822
7	1	*601-610*	Mai 1822
	2	*611-620*	Jun 1822
	3	*621-630*	Jul 1822
	4	*631-640*	Aug 1822
	5	*641-650*	Sep 1822
	6	*651-660*	Oct 1822
	7	*661-670*	Nov 1822
	8	*671-680*	Dec 1822
	9	*681-690*	Jan 1823
	10	*691-700*	Feb 1823
8	1	*701-710*	Mar 1823
	2	*711-720*	Apr 1823
	3	*721-730*	Mai 1823
	4	*731-740*	Jun 1823
	5	*741-750*	Jul 1823
	6	*751-760*	Aug 1823
	7	*761-770*	Sep 1823
	8	*771-780*	Oct 1823
	9	*781-790*	Nov 1823
	10	*791-800*	Dec 1823
9	1	*801-810*	Jan 1824
	2	*811-820*	Feb 1824
	3	*821-830*	Mar 1824
	4	*831-840*	Apr 1824
	5	*841-850*	Mai 1824
	6	*851-860*	Jun 1824
	7	*861-870*	Jul 1824
	8	*871-880*	Aug 1824
	9	*881-890*	Sep 1824
	10	*891-900*	Oct 1824
10	1	*901-910*	Nov 1924
	2	*911-920*	Dec 1824
	3	*921-930*	Jan 1825
	4	*931-940*	Feb 1825
	5	*941-950*	Mar 1825
	6	*951-960*	Apr 1825
	7	*961-970*	Mai 1825
	8	*971-980*	Jun 1825
	9	*981-990*	Jul 1825
	10	*991-1000*	Aug 1825
11	1	*1001-1010*	Sep 1825
	2	*1011-1020*	Oct 1825
	3	*1021-1030*	Nov 1825
	4	*1031-1040*	Dec 1825
	5	*1041-1050*	Jan 1826
	6	*1051-1060*	Feb 1826
	7	*1061-1070*	Mar 1826
	8	*1071-1080*	Apr 1826
	9	*1081-1090*	Mai 1826
	10	*1091-1100*	Jun 1826
12	1	*1101-1110*	Jul 1826
	2	*1111-1120*	Aug 1826
	3	*1121-1130*	Sep 1826
	4	*1131-1140*	Oct 1826
	5	*1141-1150*	Nov 1826
	6	*1151-1160*	Dec 1826
	7	*1161-1170*	Jan 1827
	8	*1171-1180*	Feb 1827
	9	*1181-1190*	Mar 1827
	10	*1191-1200*	Apr 1827
13	1	*1201-1210*	Mai 1827
	2	*1211-1220*	Jun 1827
	3	*1221-1230*	Jul 1827
	4	*1231-1240*	Aug 1827
	5	*1241-1250*	Sep 1827
	6	*1251-1260*	Oct 1827
	7	*1261-1270*	Nov 1827
	8	*1271-1280*	Dec 1827
	9	*1281-1290*	Jan 1828
	10	*1291-1300*	Feb 1828
14	1	*1301-1310*	Mar 1828
	2	*1311-1320*	Apr 1828
	3	*1321-1330*	Mai 1828

vol.	fasc.	*plates*	dates	vol.	fasc.	*plates*	dates
	4	*1331-1340*	Jun 1828		8	*1671-1680*	Apr 1831
	5	*1341-1350*	Jul 1828		9	*1681-1690*	Mai 1831
	6	*1351-1360*	Aug 1828		10	*1691-1700*	Jun 1831
	7	*1361-1370*	Sep 1828				
	8	*1371-1380*	Oct 1828	18	1	*1701-1710*	Jul 1831
	9	*1381-1390*	Nov 1828		2	*1711-1720*	Aug 1831
	10	*1391-1400*	Dec 1828		3	*1721-1730*	Sep 1831
					4	*1731-1740*	Oct 1831
15	1	*1401-1410*	Jan 1829		5	*1741-1750*	Nov 1831
	2	*1411-1420*	Feb 1829		6	*1751-1760*	Dec 1831
	3	*1421-1430*	Mar 1829		7	*1761-1770*	Jan 1832
	4	*1431-1440*	Apr 1829		8	*1771-1780*	Feb 1832
	5	*1441-1450*	Mai 1829		9	*1781-1790*	Mar 1832
	6	*1451-1460*	Jun 1829		10	*1791-1800*	Apr 1832
	7	*1461-1470*	Jul 1829				
	8	*1471-1480*	Aug 1829	19	1	*1801-1810*	Mai 1832
	9	*1481-1490*	Sep 1829		2	*1811-1820*	Jun 1832
	10	*1491-1500*	Oct 1829		3	*1821-1830*	Jul 1832
					4	*1831-1840*	Aug 1832
16	1	*1501-1510*	Nov 1829		5	*1841-1850*	Sep 1832
	2	*1511-1520*	Dec 1829		6	*1851-1860*	Oct 1832
	3	*1521-1530*	Jan 1830		7	*1861-1870*	Nov 1832
	4	*1531-1540*	Feb 1830		8	*1871-1880*	Dec 1832
	5	*1541-1550*	Mar 1830		9	*1881-1890*	Jan 1833
	6	*1551-1560*	Apr 1830		10	*1891-1900*	Feb 1833
	7	*1561-1570*	Mai 1830				
	8	*1571-1580*	Jun 1830	20	1	*1901-1910*	Mar 1933
	9	*1581-1590*	Jul 1830		2	*1911-1920*	Apr 1833
	10	*1591-1600*	Aug 1830		3	*1921-1930*	Mai 1933
					4	*1931-1940*	Jun 1933
17	1	*1601-1610*	Sep 1830		5	*1941-1950*	Jul 1833
	2	*1611-1620*	Oct 1830		6	*1951-1960*	Aug 1833
	3	*1621-1630*	Nov 1830		7	*1961-1970*	Sep 1833
	4	*1631-1640*	Dec 1830		8	*1971-1980*	Oct 1833
	5	*1641-1650*	Jan 1831		9	*1981-1990*	Nov 1833
	6	*1651-1660*	Feb 1831		10	*1991-2000*	Dec 1833
	7	*1661-1670*	Mar 1831				

Ref.: GF p. 85; NI 2228; Plesch p. 314-315; PR 5558; Sotheby 471 (sold at £1500), 472 (sold at £1400).
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Wheldon and Wesley, Cat. 139: 7. 1977 (quarto ed.; offered at £1500).

4915. *Orchideae*, in the collection of Conrad Loddiges and Sons, Hackney, near London, arranged according to Dr. Lindley's Genera and species; with their native countries, years of introduction, and references to figures. London (printed by Wilson and Ogilvy, ...) [1842]. Oct. (in fours). (*Orchideae*).
Publ.: 1842, p. [1]-44, [1, index]. *Copy*: USDA.–
Other issues: BM 3: 1162 mentions a first edition, also of 1842 of 25 p. The copies at L and NY with a differently printed t.p. (same text), have p. [1]-40; see also PR 5560.

Loddiges, George (1784-1846), British horticulturist, nurseryman at Hackney; son of Conrad Loddiges. (*G. Lodd.*).

HERBARIUM and TYPES: Material of cultivated plants at BR, CGE, FI and K. Letters at K.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 334; Barnhart 2: 395; BB p. 192; Bossert p. 241;

Bret. p. 281-282; CSP 4: 69; Desmond p. 392 (b. 12 Mar 1784, d. 5 Jun 1846); Henrey 2: 375, 376; Hortus 3: 1198 ("Lodd."); IH 2: 455; Jackson p. 412; NAF 28B(2): 443; PR (alph.); SK 1: 326; Zander ed. 10, p. 686, ed. 11, p. 782.
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Coats, A. M., Huntia 2: 203, fig. 58. 1965 (portr.).
Hall, N., Bot. Eucalypts 85-86. 1978.

COMPOSITE WORKS: George Loddiges was the main author of the text of *The Botanical Cabinet*; he conducted it from 1817-1834.

Löfgren, Albert [Loefgren, Alberto] (1854-1918), Swedish-born botanist who settled (1874) in Brazil; director of the São Paulo botanical garden 1898-1906; ultimately at the botanical garden of Rio de Janeiro (*Loefgr.*).

HERBARIUM and TYPES: SP; duplicates see IH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 395; BL 1: 238, 241, 243, 306; BM 3: 1165, 7: 738; CSP 16: 835; Hortus 3: 1198 ("Löfgr."); IH 2: 455; Kew 3: 481; KR p. 481-482; LS – 36215; Nordstedt p. 11; Rehder 5: 519; Tucker 1: 438; Zander ed. 11, p. 782.
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EPONYMY: *Loefgrenia* Gomont (1896); *Loefgrenianthus* Hoehne (1927).

4916. Commissão geographica e geologica de São Paulo Boletim no. 12. *Flora paulista*. I. Familia Compositae. S. Paulo (Typographia a vapor de Vanorden & Cia. . . .) 1897. Oct. (*Fl. Paul.*).
Author of parts 2 and 4: Gustaf Edwall (1862- ?).
1: 1897, p. [1]-496. – Compositae; addition, issued with part 3: [1-4].
2: 1897, p. [i]-x, [1]-221. – Solanaceae, Scrophulariaceae. *Boletim no. 13*.
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Copies: BR, G, M, MO, USDA. – Part 4, 1905, was also published by Gustaf Edwall; Myrsinaceae, *Boletim no. 15*, 1905, p. [i]-iv, [1]-45, [1], also publ. independently by São Paulo Typogr. e Papelaria de Vanorden & Cia., see KR p. 152, no. 6.

4917. Secretaria da agricultura, ... do Estado de São Paulo. Boletim do Horto botanico/*Contribuções para a algologia paulista familia Oedogoniaceae* ... São Paulo (Editora: Red. da "Revista agricola") 1906. Oct. (*Contr. algol. paul., Oedogon.*).
Publ.: Mai-Jul 1906 (p. 4: Mai 1906; ÖbZ Aug-Sep 1906), p. [1]-31, *pl. 1-6* with text. *Copies*: US, USDA.

4918. Jardim botanico do Rio de Janeiro (dos "Archivos do Jardim botanico") *O genero Rhipsalis* . . . Rio de Janeiro (Typ. da Directoria Geral de Estatistica) 1915. Qu. (*Rhipsalis*).

Publ.: 1915 (pref. Apr 1915), p. [1]-48, *pl. 1-25. Copy*: USDA. – Reprinted from Arch. Jard. bot. Rio de Janeiro 1(1): 59-104, *pl. 1-25*. 1915.

4919. *Manual das familias naturaes phanerogamas* com chaves dichotomicas das familias e dos generos brasileiros . . . Rio de Janeiro (Imprensa nacional) 1917. Oct. (*Man. fam. nat. phan.*). *Publ.*: 1917, p. [i]-xviii, [1]-611. *Copy*: USDA.

Löfling, Pehr (Loefling) (1729-1756), Swedish botanist and explorer; to Spain 1751; from 1754-1756 in northern S. America; "Linnaei bästa discipel." (*Loefl.*)

HERBARIUM and TYPES: LINN. – Occasional specimens in H, MA, S, SBT.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 271, 5(1): 688; Barnhart 2: 396; BM 3: 1165, 7: 738-739; Colmeiro 1: clxxxv; Dryander 1: 239, 2: 291, 339, 3: 19, 145, 187, 382, 5: 536; Frank 3(Anh.): 60; Hegi 7: 559; Herder p. 53; Hortus 3: 1198 ("Loefl."); IH 2: 455; Jackson p. 339; Kew 3: 481; KR p. 482-483; Langman p. 452; Lasègue p. 574; PR 5564 (ed. 1: 6213); Rehder 5: 519; RS p. 116; SO 1290, 1556, 2551, add. 2908a, 3588, 3593; TL-1: 774; Tucker 1: 438; Zander ed. 10, p. 686, ed. 11, p. 782.

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NOTE ON NAME: Krok (KR p. 482) notes that Löfling signed himself Löfling in at least one letter now at the library of the Swedish Academy of Sciences; he was registered at Uppsala as "Petrus Erici Löfling". The orthography "Loefling" was used as a latinization. This latter orthography is very generally accepted, hence our proposed abbreviation "Loefl.".

EPONYMY: *Loeflingia* Linnaeus (1753).

4920. D. A. *Gemmae arborum*, quas ex cons. experientiss. et nobiliss. facult. med. in reg. acad. upsaliensi, sub praesidio ... Dn. Doct. Caroli Linnaei, ... speciminis academici loco naturae curiosis examinandas sistit alumnus regius, Petrus Löfling, medelpadus. In Audit. Carol. Major. ad diem 18 Novemb. anni 1749. h.a.m.c. Upsaliae [1749]. Qu. (*Gemmae arb.*).
Publ.: 18 Nov 1749, p. [i-iv], [1]-32. *Copies*: B, G, MO, NY.

Ed. 2: Amoen. Acad. 2(24): [182]-[224]. 1751; for further issues in Amoenitates see SO 1557-1561. Also reprinted in Gilibert, J. E., *Syst. pl. Europ.* 5(1, 14): 363-398. 1786.
Linnaeus acknowledged Loefling's authorship of this dissertation in his biography of Loefling in Sv. Vet.-Akad. Handl. 1758, p. 16 (see also KR p. 482, no. 1).

4921. Petri Loefling ... *Iter hispanicum,* eller resa til spanska länderna uti Europa och America, förrättad iffrån år 1751 til år 1756, med beskrifningar och rön öfver de märkvärdigaste växter, utgifven efter dess frånfälle af Carl Linnaeus. Stockholm (Tryckt på direct. Lars Salvii Kostnad) År 1758. Oct. (*Iter hispan.*).
Publ.: Dec 1758, p. [i-xx], [1]-316, *pl. 1-2. Copies*: FI, MICH, MO, NY; IDC 886. – See Dandy (1967) for details on inadmissible names (vernacular names or token words).
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Reprint: 1907, Mem. R. Soc. Espãn. Hist. nat. 5: 11-134.
German transl.: 1766 (p. [viii]: 22 Feb 1766), p. [i-xxxii], [1]-406, [1-2, err.], *pl. 1-2. Copies*: G, HU, M, MO(2), NY.– "Peter Loeflings ... *Reise, nach den spanischen Ländern in Europa und America* in den Jahren 1751 bis 1756. Nebst Beobachtungen und Anmerkungen über die merkwürdigen Gewächse herausgegeben von Herrn Carl von Linné ... aus dem Schwedischen übersetzt durch D. Alexander Bernhard Kölpin [1739-1801] ... Berlin und Stralsund (bey Gottlieb August Lange) 1766. Oct.
English transl.: 1771, J. R. Forster in Bossu, Travels through that part of North America formerly called Louisiana, 2: 69-432. 1771.
Spanish transl.: I. de Asso, Anal. Ci. nat. 3: 278-315, 4: 158-191, 5: 82-104. 1801/02.

Loehr, Egid von (*fl.* 1848), German botanist. (*E. Loehr*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1163; Herder p. 185, 344; PR 5565.

4922. *Beiträge zur genaueren Kenntniss der Hülsenfrüchte* und insbesondere der Bohne. Inaugural-Dissertation der medicinischen Facultät zu Giessen bei Erlangung der medicinischen Doctorwürde vorgelegt von Egid v. Löhr aus Giessen ... Giessen (Gedruckt in der Universitäts-Buchdruckerei von G. D. Brühl I) 1848. Qu. (*Beitr. Hülsenfr.*).
Publ.: 1848 (p. 3: Mai 1848), p. [1]-19, *1 pl.*, uncol. lith. *Copy*: WU.
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Loehr [Löhr], **Matthias Joseph** (1800-1882), German pharmacist and botanist at Koblenz; later at Köln. (*M. Loehr*).

HERBARIUM and TYPES: Some material at KIEL.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 572; Barnhart 2: 396; BL 2: 419, 683; BM 3: 1163; CSP 4: 75, 8: 225, 10: 624, 12: 453; DTS 1: 174, 6(4): 167; Hausmann p. 1182; Hegi 4(2): 795; Herder p. 185; IH 2: 456; Jackson p. 293, 311; Kew 3: 481; PR 5566-5569 (ed. 1: 6215-6216); Rehder 5: 519; Tucker 1: 438.
Simonkai, L., Enum. fl. transsilv. xxiv. 1886.

4923. *Flora von Coblenz,* oder systematische Zusammenstellung und Beschreibung der in jener Gegend des Mittelrheines wildwachsenden und gebauten phanerogamischen Pflanzen, nach dem natürlichen Systeme geordnet ... Cöln [Köln] (Verlag von M. Du Mont-Schauberg) 1838. Oct. (in fours). (*Fl. Coblenz*).
Publ.: Mar-Jun 1838 (p. xi: Feb 1838; Flora 28 Aug 1838, rd. between 5 Feb and 2 Jul 1838), p. [i]-xxvi, [1]-319, [320]. *Copies*: BR, Regensburg.

4924. *Taschenbuch der Flora von Trier* und Luxemburg mit Berücksichtigung der Nahe- und Glan-Gegenden, ... Trier (Verlag von C. Troschel) 1844. Oct. (*Taschenb. Fl. Trier*).
Publ.: 1844 (p. xvi: Jun 1844; Flora rd. Nov 1844; Bot. Zeit. 27 Dec 1844), p. [i]-lxvi, [1]-318, [1, err.]. *Copies*: BR, G, NY, Regensburg.

Ref.: Anon., Bot. Zeit. 3: 588. 29 Aug 1845.
J., Bot. Zeit. 11: 67-68. 28 Jan 1853.
A., Bot. Zeit. 11: 563-565. 5 Aug 1853.

4925. *Enumeratio der Flora von Deutschland* und der angrenzenden Länder im ganzen Umfange von Reichenbach's Flora Germanica excursoria, vom Mittelländischen Meere bis zur Nord- und Ost-See. Geordnet nach dem natürlichen Systeme von De Candolle und der Reihenfolge von Koch's Synopsis, mit allen Synonymen, Varietäten und Fundorten, under besonderer Berücksichtigung der Gegenden am Rheine ... Braunschweig (Druck und Verlag von Friedrich Vieweg und Sohn) 1852. Oct. (*Enum. Fl. Deutschland*).
Publ.: 1-14 Jan 1852 (p. x: Jul 1850; Flora rd. 14 Sep-Oct 1852; Bot. Zeit. rev. 9 Jan 1852; "ist erschienen" Ö.b.W. 15 Jan 1852, Bot. Zeit. 10: 136. 13 Feb 1852), p. [i]-xxi, [1]-820. *Copies*: B, L, M, NY, Regensburg.

4926. *Botanischer Führer zur Flora von Köln*, oder Beschreibung der in den weiteren Umgebungen von Köln wildwachsenden und am häufigsten cultivirten Pflanzen, mit Angabe ihrer Fundorte, Blüthezeit und Dauer. Ein Taschenbuch für Freunde der Botanik und für die Zöglinge der Lehranstalten ... Köln (Verlag der M. DuMont-Schauberg) 1860. Duod. (in sixes). (*Bot. Führ, Köln*).
Publ.: Jan-Mai 1860 (p. xi: Oct 1859; Flora 7 Jun 1860; Österr. bot. Z. 1 Aug 1860), p. [i]-xv, [1]-323. *Copies*: BR, G, Regensburg.
Ref.: Anon., Flora 43: 336, 634-637. 1860.
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Lönnegren, August Valfrid (1842-1904), Swedish mycologist and linguist; teacher at Lule high school (*Lönnegren*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 396; Kelly p. 133; KR p. 484 (b. 7 Jan 1842, d. 31 Oct 1904); LS 15815-15817, suppl. 16476; NAF 9(6): 442; Saelan p. 558-559; Stevenson p. 1249.
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HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 396 (b. 2 Apr 1802, d. 11 Mar 1884); BL 2: 61, 684; BM 3: 1176; CSP 4: 81; Hortus 3: 1198 ("Lönnr."); Jackson p. 328; PR 5570; Rehder 5: 519; Saelan p. 311-312; TR 816; Tucker 1: 438.
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4927. *Flora fennica*. Suomen kasvisto ... Helsingissä (Suomalaisen Kirjallisunden Seuran kirjapainossa) 1860. Oct. (*Fl. fenn.*).
Ed. 1: 1860, p. [i]-l, [1]-376, *pl. 1-3* (uncol.). *Copy*: G.
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Lönnroth, Knut Johan (1826-1885), Swedish botanist; from 1859 ecclesiastical administrator at Kalmar. (*K. Lönnroth*).

HERBARIUM and TYPES: UPS, but *Hieracium* at S. Further material at C, GB, PC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 396; BM 3: 1176; Bossert p. 242; CSP 4: 81, 8: 258, 10: 629, 16: 837; Frank 3(Anh.): 60; GR p. 478, *pl.* [*38*], cat. p. 67; Hawksworth p. 184; Hortus 3: 1198 ("Lönnr."); IH 2: 459; Kew 3: 482; KR p. 485; Krempelh. 1: 517, 562; LS 15818-15820; PR 5571; Rehder 5: 519; Saccardo 2: 63; SBC p. 126; Tucker 1: 438.

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4928. *Observationes criticae plantas suecicas illustrantes,* quarum decadam primam venia ampl. facult. philos. Upsal. praeside E. Fries . . . pro gradu philosophico publico examini modeste subjicit auctor Canutus Johannes Lönnroth . . . in audit. botan. d. iii jun. mdcccliv. h.p.m.s. Upsaliae (Wahlström & C.) [1854]. Oct. (*Obs. crit. pl. suec.*).
Publ.: 3 Jun 1854, p. [1]-24. *Copy*: NY.

Lörch, Ph, J. (*fl.* 1890), German botanist, high school teacher at Heckingen (*Lörch*).

HERBARIUM and TYPES: Unknown.

4929. *Die Flora des Hohenzollers* und seiner nächsten Umgebung . . . Hechingen (Ribler'sche Hofbuchdruckerei, Robert Kleinmaier) 1890. Progr. nr. 487. Oct. (*Fl. Hohenzoll.*).
1: 1890 (p. 2: Jun 1890; Bot. Zeit. 27 Mar 1891), p. [1]-68.
2: 1891 (Bot. Centralbl. 26 Apr 1892; Nat. Nov. Mar(1) 1892), p. [i], 69-118. Progr. nr. 491.
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Copies: B, M. – Wissenschaftliche Beilage zum Programm [487, 491, 494] der königl. höheren Bürgerschule zu Hechingen.

Loescher, Eduard (*fl.* 1852), German horticulturist. (*Loescher*).

HERBARIUM and TYPES: Unknown.

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Loescher, E., Bonplandia 2: 102. 1854 (reply to Schulz-Bip. 1854; on Hochstetter's plagiarism).
Schulz-Bipontinus, C. H., Bonplandia 2: 80-81. 1854 (on plagiarism Hochstetter).

4930. *Die königliche Wasserlilie* Victoria regia, ihre Geschichte, ihr Wesen und ihre Kultur, nebst einem Anhange über Wasserpflanzen der wärmeren Zonen. . . . Hamburg (Perthes-Besser & Mauke) 1852. Oct. (*Königl. Wasserlilie*).
Publ.: shortly after Mar 1852, p. [i]-viii, [1]-97, [1, cont.], *pl. 1-2* (col.) and *3*(uncol.). *Copies*: FI, KNAW. – Has priority over W. Hochstetter, *Victoria regia.*
Ref.: Seemann, B., Bonplandia 1(24): 250-251. 1 Dec 1853.

Lösecke, August Georg von (1837-1912), German mycologist and pharmacist. (*Lösecke*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 334; CSP 10: 635, 12: 453, 16: 838; GR p. 106 (b. 10 Sep 1837, d. 6 Dec 1912); Kelly p. 133; Jackson p. 297; LS 15823-15827, 36217.

4931. *Deutschlands verbreitetste Pilze* oder Anleitung zur Bestimmung der wichtigsten Pilze Deutschlands und der angrenzenden Länder, zugleich als Commentar der fortgesetzten Prof. Büchner'schen Pilznachbildungen . . . I. Bändchen. Die Häutpilze. Berlin (Theobald Grieben) 1872. Duod. † (*Deutschl. Pilze*).
Co-author: F. A. Bösemann.
Publ.: 1872, p. [i]-xlv, [1, h. t.], [1]-185, [186, err.]. *Copy*: FH.

Loesel, Johannes [Loeselius] (1607-1655), German botanist and physician; Dr. phil. Königsberg 1632; Dr. med. Leiden 1639, professor of medicine at Königsberg University 1639-1655. (*Loesel*).

HERBARIUM and TYPES: Unknown. Manuscripts lost.

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 314, Ainsworth p. 225, 310; Backer p. 334; Barnhart 2: 397; BM 3: 463; De Toni 1: lxxix; Dryander 3: 171; Frank 3(Anh.): 60; GR p. 106; Hegi 2: 393, 4(1): 174, 6(1): 25; Herder p. 185; Jackson p. 309; NI 122; Plesch p. 315; PR 5575-5576 (ed. 1: 6220-6222); Rehder 1: 372; Sotheby 473; Tucker 1: 438.
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4932. *Plantas in Borussia sponte nascentes* e manuscriptis parentis mei divulgo Johannes Loeselius, Johannis filius. (n.v.). (*Pl. Borussia*).
Publ.: 1654. – Published for his father by Joh. Loesel fil., born 21 Sep 1641. The text was later used for Gottsched's edition of the Flora prussica (see below).

4933. *Flora prussica*, sive plantae in regno Prussiae sponte nascentes. Quarum catalogum & nomina Johannes Loeselius . . . olim disseruit, nunc additis nitidissimis iconibus rariorum, partim ab aliis nondum delineatarum plerarumque Prussiae propriarum & inquilinarum plantarum, earumdemque accuratâ descriptione, nec non adjectis synonymiis veterum botanicorum, interspersisque observationibus historico-philogico-criticis & medico-practicis noviter efflorescentes, curante Johanne Gottsched, . . . Regiomonti [Königsberg] anno mdcciii. Sumptibus typographiae Georgianae. Qu. (*Fl. pruss.*)
Editor: Johann Gottsched (1668-1704) who received the manuscript and plates from Loesel's estate through Dietrich Hessen, son-in-law of Loesel.
Publ.: 1703 (p. viii: 1 Oct 1703), front., p. [i-xvi], [1]-294, [1-80, index], *83 pl.* numbered *1-85*, but nos. 46/47 and 48/49 combined; uncol. *Copies*: MO, NY, U.
Supplement: 1726, see Andreas Helwing.

Loesener, Ludwig Eduard Theodor (1865-1941), German botanist of the Engler school; Dr. phil. Berlin 1890; from 1896-1920 at the Botanical Museum, Berlin-Dahlem. (*Loes.*).

HERBARIUM and TYPES: B (partly destroyed).

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 334; Barnhart 2: 397; BJI 1: 37; BL 1: 151, 306; BM 3: 463, 7: 738; Bossert p. 241; CSP 16: 838-839; Hirsch p. 178; Hortus 3: 1198 ("Loes."); IH 2: 455; Langman p. 452-453; LS 15830, suppl. 16477; MW suppl. p. 210; NAF ser. 2. 5: 247; Rehder 5: 520; TL-2/1: 1711, see E. M. Kronfeld; Tucker 1: 438; Urban-Berl. p. 370; Zander ed. 10, p. 686, ed. 11: 782; Zep-Tim p. 79.
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COMPOSITE WORKS: (1) EP, *Die natürlichen Pflanzenfamilien*, ed. 1:
a. *Celastraceae*, 3(5): 189-222. Dec 1892, 459. 1896, Nachtr. 2-4: 221-225. 1897, Ergänzungsheft 1: 39-40. 1900, 2: 198-202. 1908.
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(2) EP, *Die natürlichen Pflanzenfamilien*, ed. 2:
c. *Celastraceae*, 20 b: [87]-197. Jan-Feb 1942.
d. *Hippocrateaceae*, 20 b: [198]-231. Jan-Feb 1942.
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f. *Zingiberaceae*, 15 a: 541-640. Apr 1930.
g. *Maranthaceae*, 15 a: 654-693. Apr 1930.
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EPONYMY: *Loesenera* Harms (1897); *Loeseneriella* A. C. Smith (1941).

4934. *Vorstudien zu einer Monographie der Aquifoliaceen.* Inaugural-Dissertation zur Erlangung der philosophischen Doctorwürde der philosophischen Facultät der Friedrich-Wilhelms-Universität zu Berlin vorgelegt am 4. August 1890 öffentlich zu verteidigen von Theodor Loesener aus Berlin ... Berlin (Druck von Mesch & Lichtenfeld, Berlin S., ...) 1890. Oct. (*Vorstud. Monogr. Aquifol.*).
Publ. 4 Aug 1890 (Alph. Candolle rd. his copy in August 1890; Nat. Nov. Sep(2) 1890; Flora rd. 23 Oct 1890), p. [i, iii], [1]-45, [46, vita; 47 theses], *pl. 1. Copies*: MO, NY. – Preprinted from Abh. bot. Ver. Brandenburg 33(1): 1-45. 1890 (publ. 12 Mai 1891).
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4935. *Plantae selerianae* die von Dr. Eduard Seler und Frau Caecilie Seler in Mexico gesammelten Pflanzen unter Mitwirkung von Fachmännern veröffentlicht ... [1894-1923]. (*Pl. seler.*).
Collectors: Georg Eduard Seler (1894-1922), Caecilie Seler (née Sachs, 1855-?).
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part	journal	separate pp.	orig. pag.	dates
1	BHB 2(8)	[1]-34	[533]-566, *pl. 20*	Aug 1894
2	BHB 3(12)	[35], 36-55	[609]-629, *pl. 17*	Dec 1895
3	BHB 7(7)	[56]-94	[534]-553, 561-579	Jul 1899
4(1)	BHB ser. 2.2	[95]-111	[81]-97	31 Jan 1903
(2)	ser. 2.3	[112]-127	[208]-223	28 Feb 1903
(3)	ser. 2.4	[128]-137	[278]-287	Mar 1903
5	BHB ser. 2.6(10)	[138]-178	[831]-871	30 Sep 1906
6	VBV 51	[179]-214	[1]-36	29 Mai 1919*
7	VBV 53	[215]-251	[50]-86	30 Dec 1911
8	VBV 55	[252]-295	[151]-194	20 Dec 1913
9	VBV 58	296 -324	[129]-157	1 Mai 1917
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4936. *Monographia Aquifoliacearum* ... Halle (Druck von Ehrhardt Karras, Halle a.S. ...) 1901. Qu. (*Monogr. Aquifol.*).
Pars 1: 1 Mar 1901, p. [1*-vii*], [i]-viii, [1]-598, *pl. 1-15* (uncol. liths. by L's sister Elisabeth Loesener, later Mrs. Alexander Villaret). Nova Acta Leop. vol. 78.
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Loeske, Leopold (1865-1935), German amateur bryologist, journalist, later administrator. (*Loeske*).

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EPONYMY: *Loeskeobryum* M.Fleischer ex V. F. Brotherus (1925); *Loeskypnum* Paul (1916).

4938. *Moosflora des Harzes*. Hilfsbuch für die bryologische Forschung im Harze und dessen Umgebung mit Verbreitungsangaben und Bestimmungstabellen ... Leipzig (Verlag von Gebrüder Borntraeger) 1903. Oct. (*Moosfl. Harz.*).
Publ.: Jan-Mar 1903 (p. x: 2 Nov 1902; ÖbZ Feb-Mar-1903; rev. Naturw. Wochenschr. 22 Mar 1903; Bot. Zeit. 1 Apr 1903; Nat. Nov. Apr(1) 1903), p. [i]-xx, [1]-350. *Copies*: B(2), FH, HBG, L, MO-Steere, NY, U-V; IDC 947.
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Nachträge: 1: in Festschrift zu P. Ascherson's 70. Geburtstag, Berlin, 1904, p. 280-295; 2: Verh. bot. Ver. Brandenburg 46: 157-201. 1904.
Ref.: Matouschek, F., Hedwigia 42 (Beibl. 6): 323-325. 1903.

4939. *Zur Moosflora der Zillertaler Alpen*. Floristisches, Biologisches und Kritisches (Sonderabdruck aus "Hedwigia" Band xlix) [Dresden (Druck von C. Heinrich) 1909]. Oct.
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4940. *Studien zur vergleichenden Morphologie* und phylogenetischen Systematik *der Laubmoose*. Berlin (Verlag: Max Lande) 1910. Oct. (*Stud. Morph. Laubm.*)
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4941. *Die Laubmoose Europas* ... Berlin-Schöneberg (Druck und Verlag Max Lande (Hoffmann & Campe's Verlag)) 1913-1914. Oct. (*Laubm. Eur.*).
Part 1, Grimmiaceae: 15 Nov 1913 (but copyrighted 1914), p. [ii]-xvi, [1]-207, *figs. 1-66.*
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Contributors: Istvan Györffy (1880-1959), Wilhelm Mönkemeyer (1862-?), Josef Podpera (1878-1954), R. Timm (fl. 1913), Drawings by Peter Janzen (1851-1922).
Copies: B, FH, FI, G, MO-Steere, U. – A selection of the illustrations from the *Laubmoose Europas* was published as series 1 of Max Fleischer and Leopold Loeske, *Iconographia bryologica universalis,* Berlin-Schöneberg (Verlag Max Lande, . . .) Mar 1918, cover with *pl. 1-40,* onesided, with text (*Copies*: MO-Steere, NY).

4942. *Monographie der europäischen Grimmiaceen* . . . Stuttgart (E. Schweizerbart'sche Verlagsbuchhandlung (Erwin Nägele . . .) 1930. Qu. (*Monogr. eur. Grimmiac.*).
Publ.: 1930 (p. vi: Mar 1929; J. Bot. Sep 1930), p. [ii]-ix, [1]-236. *Copies*: B, BR, G, L, MO-Steere, U. – Bibl. bot. Heft 101.
Ref.: Reimers, H., Hedwigia 70(2): (106)-(108). Jan 1931 (rev.).

Loew, Ernst (1843-1908), German botanist and flower-biologist; Dr. phil. Berlin 1865; from 1867-1906 teacher at the (later) Kaiser-Wilhelm-Realgymnasium. (*E. Loew*).

HERBARIUM and TYPES: B.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 508; Barnhart 2: 397; BFM 2607, 2640, 2653; BJI 1: 37-38, 2: 108; BL 2: 563, 684; BM 3: 1163, 7: 738; CSP 8: 250, 10: 621, 12: 453, 16: 839; DTS 1: 174, 6(4): 90; IH 2: 455; Jackson p. 58, 60; LS 15831-15836; 36218-36220; Moebius p. 286, 360, 364; Morren ed. 10, p. 7; Nordstedt p. 22; PR 5578; Rehder 5: 520; TL 2/3983, *see* Kircher, E.O.O., *see* Schröter, C.; 250, 10: 621, 12: 453, Tucker 1: 439; Urban-Berl. p. 310.
Anon., Biogr. Jahrb. 13: 58*-59*, 183-184. 1910 (b. 23 Jul 1843, biogr.); Bot. Centralbl. 108: 400. 1908 (d.); Bot. Jahrb. 43(Beibl. 98): 57. 1909 (d.); Bot. Not. 1908: 212 (d. 12 Aug 1908); Hedwigia 48 (Beibl.): (52). 1908 (d.), ib. (143). 1908 (library left to Bot. Ver. Brandenburg); Nat. Nov. 30: 482. 1908 (d.); Österr. bot. Z. 58: 455. 1908 (d.).
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Magnus, P., Naturw. Rundschau 23(44): [1-2]. 1908.

COMPOSITE WORKS: Loew was one of the principal collaborators to the early parts of O. Kirchner et al., *Lebensgeschichte der Blütenpflanzen Mittel-Europas* (see under C. Schröter).

EPONYMY: *Loewia* Urban (1897).

4943. *De Casuarinearum caulis foliique evolutione et structura.* Dissertatio inauguralis botanica quam consensu et auctoritate amplissimi philosophorum ordinis in alma litterarum Universitate Friderica Guilelma ad summos in philosophia honores rite capessendos die xix m. julii a. mdccclxv. h.l.q.s. publice defendet auctor Ernestus Loew . . . Berolini [Berlin] (typis expressit Gustavus Lange] s.d. [1865]. Oct. (*De Casuarin. caul.*).
Publ.: 19 Jul 1865 (t.p.), p. [i], [1]-54. *Copies*: B, G, NY; IDC 5137.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 23: 293-294. 1865.

4944. *Ueber zwei kritische Hyphomyceten* (Acrostalagmos Corda und Arthrobotrys oligospora Fres.) Berlin (Druck von A. W. Hahn's Erben . . .) 1874. Qu. (*Zwei Hyphomyc.*).
Publ.: Mar 1874, p. [1]-27, in Jahres-Bericht über die königliche Realschule, Vorschule und Elisabethschule zu Berlin . . . 1874. *Copy*: NY.

Löw, Immanuel (1854-1944), Hungarian rabbi and scholar; rabbi of Szeged 1878-1944; specialist in talmudic and rabbinic lexicography. (*I. Löw*).

HERBARIUM and TYPES: Löw is not know to have made a herbarium.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 397; BFM 3203; BM 3: 1164; Plesch p. 468; Rehder 1: 76.
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4946. *Die Flora der Juden* ... Wien, Leipzig (R. Löwit Verlag) 1926-1934, 4 vols. Oct. (*Fl. Juden*).
1(1): 1926 (p. [ix]: 26 Dec 1926), p. [i]-xii, [1]-448.
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Copies: FI, MO. – Veröffentlichungen der Alexander Kohnt Memorial Foundation Band 2, 3, 4, 6; Imprint vol. 4: "Verlag der Kohnt Foundation, Wien."
Facsimile ed.: Hildesheim (Georg Olms) 1967, fide Plesch p. 468.

Loher, August (x-1930), German botanist; wholesale dealer in pharmaceuticals; from 1889 resident in the Philippines. (*Loher*).

HERBARIUM and TYPES: M (5000) and PNH; other large sets at B, K, L, P, NY, US. – See IH.

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4947. *Aufzählung der um Simbach am Inn wildwachsenden Phanerogamen* und Gefässkryptogamen ... Landshut (Druck der Jos. Thomann'schen Buchdruckerei) 1887. Oct.
Publ.: 1887, p. [1]-41. *Copy*: G. – Reprinted from Ber. bot. Ver. Landshut 10: 1-41. 1887.

Lohwag, Heinrich (1884-1945), Austrian cryptogamist: student of R. Wettstein; Dr. phil. Wien 1907; professor at the Staatsgymnasium in Brüx (Bohemia) 1908-1914; from 1914-1918 at Reichenberg; from 1918 at the first Academic Gymnasium in Wien; from 1928 lecturer, from 1940 professor at the Universität Wien. (*H. Lohwag*).

HERBARIUM and TYPES: Material at MICH, TRTC, W and WU. – For exsiccatae see under Victor Litschauer.

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(2) Collaborator, Hand.-Mazz., *Symb. sin.* 2, 1937.

NOTE: The son of H. Lohwag, Kurt Lohwag (b. 8 Aug 1913; d. 5 Mai 1970) was also a prolific mycological author; see e.g. F. Petrak, Sydowia 24: 1-16. 1970 (portr., bibl.).

EPONYMY: *Lohwagia* F. Petrak (1942).

Loiseleur-Deslongchamps, Jean Louis Auguste (1774-1849), French physician and botanist; in the French armée des Alpes 1793-1797; Dr. med. Paris 1806; physician at the "bureau de charité du neuvième arrondissement" later working mainly on botany. (*Loisel.*)

HERBARIUM and TYPES: AV; duplicates at FI, MW, P. – Correspondence with J. B. Mougeot, 84 letters, 1806-1835, at P (Bibl. centr.).

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COMPOSITE WORKS: (1) Author of vols. 5-7 of Duhamel, *Traité arbr. arbust.* ed. 2, 1812-1819 ("Nouveau Duhamel"), see TL-2/1547. For a list of L's contributions to Duhamel's Traité des arbres fruitiers (ed. 2) see Bouchardat (1865), p. 164-166.
(2) L. contributed many articles to the *Dict. sci. nat.* and the *Dict. sci. méd.* (vols. 20-60).

HANDWRITING: Candollea 31: 343-344. 1976.

EPONYMY: *Loiseleuria* Desvaux (1813, *nom. cons.*); *Longchampia* Willdenow (1811).

4948. *Flora gallica,* seu enumeratio plantarum in Gallia spontè nascentium; ... Lutetiae [Paris] (apud Auctorem, ... Migneret, ... Gabon, ... ex typis Matthaei Migneret) 1806-1807, 2 parts. Duod. (in sixes). (*Fl. gall.*)
Ed. 1: 1806-1807. *Copies*: FI, G, MO, NY, USDA. – Plates uncol. copp. by A. L. Marquis. For additions see below 1810 (*Notice*) and 1827 (*Nouv. notice*).
Pars prima: 1806 (p. viii: 15 Mai 1806; JGLF Apr 1806 ann.), p. [i]-viii, [1]-336.
Pars secunda: 1807 (pref. 12 Apr 1807; JGLF Apr 1807 ann.), p. [i]-vi, [337]-742, *pl. 1-21*.
Ed. 2: 5-14 Jul 1828 (see TL-1). *Flora gallica* ... nascentium, secundum Linnaeanum systema digestarum, addita familiarum naturalium synopsi; ... Parisiis (apud J. B. Baillière, ...), Londini (id.), Bruxellis (à la librairie médicale française). Oct. (in fours). *Copies*: BR, FI, G, MICH, NY, U, UC, USDA.
Pars prima: p. [i]-xxxiv, [1]-407.
Pars secunda: p. [i-iii], [1]-394, [1-2, err.], *pl. 1-31*, uncolored copper engravings, the first 21 as in ed. 1, nos. 22-30 engraved by Ambrosius Tardieu, no. 31 by Logerot.
Note: for a list of reviews, notices by others, and replies by Loiseleur see Bouchardat 1865, p. 160.

4950. *Notice sur les plantes à ajouter à la flore de France* (Flora gallica); avec quelques corrections et observations; ... Paris (chez l'Auteur, ... Migneret, ... Gabon, ... Imprimerie de J. B. Sajou, ...) 1810. Oct. (*Not. fl. France*).

Publ.: 1810, p. [i-ii], 1-172, *pl. i-vi*, uncol. copper engr. *Copies*: FI, G, MO, NY, USDA; IDC 6039. – In part published in Desvaux, J. Bot., 2: 193-225. Jul 1809, 257-289. Aug 1809, 321-370. Sep 1810. (see TL-2/1409).

4951. *Recherches* historiques, botaniques et médicales *sur les Narcisses* indigènes, pour servir à l'histoire des plantes de France; . . . Paris (Baudouin . . . chez l'Auteur . . . Gabon) 1810. Qu. (*Rech. Narcisses*).
Publ.: 1810, p. [i], [1]-42. *Copies*: FI, G(2). – Reprinted from Mém. Acad. Sci. divers. savants 2: 592-633. 1811; see also J. Méd. 20: 491-495. 1810 and Bull. Pharm. 3: 179-185. 1811.

4952. *Herbier géneral de l'amateur*, contenant la description, l'histoire, les propriétés et la culture des végétaux utiles et agréables; dédié au roi, par Mordant de Launay; continué par M. Loiseleur-Deslongchamps, . . . avec figures peintes d'après nature par M. P. Bessa, . . . Paris (Audot, libraire, . . .) [1814]1816-1827, 8 vols. (*Herb. gén. amat.*).
Original author (of parts 1-11 of vol. 1 only): Jean Claude Mien Mordant de Launay (x-1816).
Publ : published 1814-1827 in 96 parts of 6 plates and 12 pages text each; 12 parts constituting a volume. In all (ideally) 574 plates: *1-572*; *171*, *172* and *199* double; *384* lacking. The precise dates of the parts can be ascertained from the Bibliographie de la France. There were two issues: octavo and quarto. The coloured copper engravings are of drawings by Pancrace Bessa (1772-1835), (one by P. J. Redouté, one by Poiteau). The original drawings were made for Charles Xth, who gave them to Marie-Caroline, Duchesse de Berry. The latter gave them to her sister, Teresa Christina of Brazil. They are now in private hands (P. Campos Porto, Rio de Janeiro). – *Copies*: USDA; IDC 6040.
1: Nov 1814-1816, p. [i*-viii*], [i]-viii, *73 pl.* w.t. – p. [iv*]: dedication dated 22 Nov 1814.
2: 1817 (t.p.), p. [i-viii], *70 pl.* w.t.
3: 1819 (t.p.), p. [i-iii], *72 pl.* w.t.
4: 1820 (t.p.), p. [i-xii], *72 pl.* w.t.
5: 1821 (t.p.), p. [i-iii], *72 pl.* w.t.
6: 1822 (t.p.), p. [i-iii], *72 pl.* w.t.
7: 1824 (t.p.), p. [i-iii], *72 pl.* w.t.
8: 1827 (t.p.), p. [i-iii], *71 pl.* w.t., [i-xvi, ind.], [1]-8 subscribers.
The analysis is based on the USDA copy (*574 plates!*).
Ref.: NI 2323 (details on originals, artists, engravers).

4953. *Nouveau voyage dans l'empire de flore*, ou principes élémentaires de botanique; . . . A Paris (chez Méquignon l'aîné père, . . .) 1817, 2 parts. Oct. (*Nouv. voy. emp. fl.*).
Publ.: 1817. *Copies*: B, G, NY.
1: [i]-xii, [1]-214.
2: [i, iii], [1]-377, [378, err.].

4954. *Manuel des plantes usuelles indigènes*, ou histoire abrégée des plantes de France, distribuées d'après une nouvelle méthode; contenant leurs propriétés et leurs usages en médicine, dans la pharmacie et dans l'économie domestique; suivi de recherches et d'observations sur l'emploi de plusieurs espèces, qui, dans la pratique de la médecine, peuvent remplacer un certain nombre de substances exotiques . . . Paris (Chez Méquignon aîné, . . .) 1819, 2 vols. Oct. (*Man. pl. usuell.*).
[*1*]: 1819 (p. [v*]: 18 Jan 1819), p. [i*-viii*], [i]-xxvi, [1]-468 (number of unnumbered preface pages varies).
[*2*]: 1819, p. [i-iii], [469]-672, [1, err.].
Copies: FI, G, MO, NY, USDA.

4955. *Recherches et observations sur l'emploi de plusieurs plantes de France*, qui, dans la pratique de la médecine, peuvent remplacer un certain nombre de substances exotiques; pour servir à la matière médicale indigène; . . . A Paris (Chez Méquignon aîné, . . .) 1819. Oct. (*Rech. empl. pl. France*).
Publ.: 1819, p. [i*-iii*], [i]-iv, [1]-170. *Copies*: MO, USDA. – Second part of the preceding *Man. pl. usuell.*

4956. *Flore de la botanique des dames.* Collection renfermant quatre planches de principes de botanique, et quatre cents figures de plantes, dont une grande partie est extraite de l'Herbier de l'Amateur. Paris (Audot, Libraire-éditeur, ...) 1821. (*Fl. bot. dames*).
Publ.: 1821, p. [i-iii], [1]-8, *pl. 1-104* (col.). *Copy*: BR.

4957. *Nouvelle notice sur les plantes à ajouter à la flore de France* (Flora gallica); ... Paris (au secrétariat de la Société linnéenne, ...) 1827. Oct. (*Nouv. not. fl. France*).
Publ.: 1-19 Sep 1827 (BF), p. [1]-40. *Copy*: G. – Reprinted from Mém. Soc. Linn. Paris 6: 396-432. 1827 (on wrappers and on p. 2: Ann. Soc. Linn. Paris).

4958. *Herbier de l'Amateur de fleurs,* contenant, gravés et coloriés, d'après nature, les végétaux qui peuvent orner les jardins et les serres; l'on y a joint leur synonymie, leur description, leur histoire, leurs modes de culture et de propagation, avec un précis d'organographie et de physique végétales, servant d'introduction à l'ouvrage; par M. Drapiez ... Bruxelles (Ve P. J. de Mat, libraire-éditeur, ...) 1828-1835, 8 vols. Qu. (*Herb. amat. fl.*).
Publ.: A reissue of the plates of the *Herb. gén. amat.* with a number of extra plates (in all 600, see Sotheby no. 477) provided with a new introduction by Pierre Auguste Joseph Drapiez (1778-1856) (see NI 2: 51 and no. 2324). Drapiez was a compiler, not an original author. His other main production was his *Encyclographie du règne végétal,* a work of such mediocrity and imitation that we decided to leave it out of account in TL-2. – *Copy*: BR.
1: 1828, p. [i-iii], [1]-44, *pl. 1-75* w.t.
2: 1829, p. [i-iii], *pl. 76-150* w.t., p. [1-4].
3: 1829, p. [i, iii], *pl. 151-225* w.t., p. [1-6].
4: 1830, p. [i-iii], *pl. 226-300* w.t., [1-7].
5: 1831, p. [i, iii], *pl. 301-375* w.t., [1-8].
6: 1833, p. [i, iii], *pl. 376-450* w.t., [1-11].
7: 1834, p. [i, iii], *pl. 451-525,* w.t., [1-12].
8: 1835, p. [i, iii], *pl. 526-600* w.t., [1-36].

4959. *Flore générale de la France,* ou iconographie, description et histoire de toutes les plantes phanérogames, cryptogames et agames qui croissent dans ce royaume, disposées suivant les familles naturelles ... Phanérogamie, par M. Loiseleur-Deslongchamps ... tome premier Paris (Ferra Jeune, libraire, ...) 1828 [1829]. Qu. † (*Fl. gén. France*).
Publ.: in eight parts, the contents of which are still uncertain (12 plates per part), p. [i*-iii*], [1]-136, [i]-cxxxvi, *pl. 1-84* (col.), *pl. 1-12* (uncol.) (all pl. by Poiteau). *Copy*: B-S. – The dates (BF) of the parts are as follows:

Part	dates	part	dates	part	dates
1	25 Oct 1828	4	21 Feb 1829	7	19 Sep 1829
2	22 Nov 1828	5	21 Mar 1829	8	19 Sep 1829
3	27 Dec 1828	6	9 Mai 1829		

The plates, numbered i-xii (uncoloured) and 1-84 (coloured) are of drawings by A. Poiteau. The text ends on p. 136 in the middle of a sentence. See GF p. 66, NI 1225, Plesch 316, PR 5589.

4960. *Nouvel herbier de l'amateur,* contenant la description, la culture, l'histoire et les propriétés des plantes rares et nouvelles cultivées dans les jardins de Paris, par M. Loiseleur-Deslongchamps, ... avec figures peintes d'après nature par Mme. Deville, élève de M. Bessa. Paris (Chez F. G. Levrault, ...), Strasbourg (id.), Bruxelles (à la Librairie parisienne), 1830 [-1831]. Qu. and Oct. (*Nouv. herb. amat.*).
Publ.: 1830-1831 in 9 parts (all dated 1830, but number written on standard covers); *52* col. stipple engr. by Lucie Deville. *Copies*: BR, NY, USDA; IDC 6041; see also Sotheby 475.
1: 20 Mar 1830, cover, *pl. 1-6* w.t.
2: 29 Jun 1830, cover, *pl. 7-12* w.t.
3: 29 Jun 1830, cover, *pl. 13-18* w.t.
4: 4-6 Aug 1830, cover, *pl. 19-24* w.t.
5/6: Mai 1831, cover *pl. 25-37* w.t.
7: 9 Jun 1831, cover, *pl. 38-42* w.t.

8: 29 sep 1831, cover, *pl. 43-49* w.t.
9: publ. 1831 or 1838, cover, *pl. 50-52* w.t.
[*10*]: Half title [i] and t.p. [iii], dated 1838 (BR and USDA copies).

4961. *Histoire du Cèdre du Liban,* ... Paris (Madame Huzard (née Vallat La Chapelle), ...) 1837. Oct. (*Hist. Cèdre Liban*).
Publ.: 1837, p. [1]-66, *2 pl. Copy*: FI (inf. C. Steinberg). – Reprinted from Ann. Agric. franç. (journal publ. n.v.). Preliminary publication J. Bot. Agric. 3: 97-112. 1814.

4962. *Herbier général de l'amateur, deuxième série,* contenant les figures coloriées des plantes nouvelles, rares et intéressantes des jardins de l'Europe, avec leurs description, histoire, propriétés et culture. Par M. le Dr. Loiseleur-Deslongchamps, ... tome premier. Paris (Audot, éditeur du Bon Jardinier, ...) 1839[-1841]. Oct. and Qu. (*Herb. gén. amat. ser. 2*).
Publ.: 1839-1841 in 47 fascicles (for dates see BF) of 2 plates each (p. 3: 1 Mai 1841), p. [i], [1]-3, *pl. 1-5, 7-94,* [1-2, index] w.t. *Copies*: NY, USDA; IDC 6042. – Plates (col.) by Lucie Deville.
Continuation (1): vols. 2-4, by Charles Antoine Lemaire (1801-1871), Paris (Librairie [3-4: horticole] de H. Cousin, ...) 1841-1844. Oct. and Qu. For dates of fasc. (*2 pl.* each) see BF. *Copies*: NY, USDA (incompl.); IDC 6042.
2: 1841, p. [i], *pl. 1-71,* [1-2, index], col. liths. by Lucie Deville and other artists.
3: 1843, p. [i-iii], [1]-44, *pl. 1-72,* [1-3, index].– "... et culture; et des miscellanées botaniques, ouvrage publié sous les auspices et avec la collaboration de MM. Ad. Brongniart, ... J. Decaisne, ... Ad. de Jussieu, ... Ed. Spach, ... et redigé par C. Lemaire ... "
4: 1844 (t.p., p. [i-iii], [1-4, index], *pl. 1-72*.
Authors of notices: Adolphe Théodore Brongniart (1801-1876); Joseph Decaisne (1807-1882); Adrien Henri Laurent de Jussieu (1797-1853); Édouard Spach (1801-1879).
Continuation (2): 5 vols., edited by Lemaire (see above), Paris (Librairie agricole de la Maison rustique ...) 1841-1850. Qu. The first three volumes ("1841-1842," "1843-1844," and "1845-1846") are reissues of vols. 2, 3 and 4 mentioned above under continuation (1.)
This re-issue therefore excludes vol. 1 (by Loiseleur-Deslongchamps) and the book must therefore be attributed to Lemaire. "*Herbier général de l'amateur* contenant les figures coloriées des plantes nouvelles, rares et intéressantes des jardins de l'Europe leurs description, histoire, propriétés et culture ouvrage publié sous les auspices et avec la collaboration de MM. Ad. Brongniart, Ad. de Jussieu, ... J. Decaisne, ... Ach. Richard [Achille Richard 1794-1852], ... Ed. Spach,... " *Copy*: BR.
1841-1842: [i, iii], *pl. 1-71* w.t., [1-2, index].
1843-1844: p. [i, iii], *pl. 1-72* w.t., [1-3, index].
1845-1846: p [i, iii], *pl. 1-72,* [1-4, index].
1847-1848: p. [i, iii], [1]-177, *80 pl.* + *8 pl.* with separate text, [1-4, index].
1849-1850: p. [i, iii] [1]-155, *pl. 1-67* + nos. V-7-V-14 with separate text.

Loitlesberger, Karl (1857-1943), Austrian cryptogamist, high school teacher e.g. at the Stella matutina at Feldkirch. (*Loitl.*).

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BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 398; BFM 908: CSP 16: 853; De Toni 1: lxxix; DTS 1: 175; IH 2: 456; Nordstedt p. 22; SBC p. 126.
Anon, Bot. Centralbl. 39: 203. 13 Aug 1889 (Beitr. Krypt. Fl. Oberösterr.); Bot. Zeit 59(2): 171. 1901; Rev. bryol. 16: 79. 1889, 22: 47, 63. 1895, 26: 72. 1899, 28: 22, 24. 1901, 32: 113. 1905 (bibl. refs.).
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Lojacono-Pojero, Michele (1853-1919), Italian botanist at Palermo. (*Lojac.*)

HERBARIUM and TYPES: PAL; further material at B, BM, DS, E, FI, G, GE, K, L, MANCH, PI, W. – Exsiccatae: *Plantae siculae rariores exsiccatae*, c. 1880-1883; *Plantae italicae selectae* (1885).

BIBLIOGRAPHY and BIOGRAPHY: BJI 1: 38; BL 2: 391; BM 3: 1163; Bossert p. 242; CSP 10: 625-626, 12: 455-456, 16: 853; GR p. 532; Herder p. 344; Hortus 3: 1198 ("Lojac."); IF suppl. 1: 83; IH 2: 456; Jackson p. 145, 146, 318, 322, 491, 575; Kew 3: 488; Langman p. 453; LS 15856; Morren ed. 10, p. 85; NI 1223; Rehder 5: 521; Saccardo 1: 97, 2: 64, cron. p. xxv; SBC p. 126 ("Lojac."); Tucker 1: 440.
Anon., Rev. bryol. 11: 76. 1884, 18: 15. 1891.
Bobrov, E. G., Bot. Zhurn, 52(11): 1598. 1967 (*Lojaconoa*, eponym).
Dörfler, J., Botaniker-Adressbuch 98. 1896 (err. "C." Lojacono).

HANDWRITING: Candollea 31: 345-346. 1976.

EPONYMY: *Lojaconoa* E. G. Bobrov (1967).

4963. *Le isole eolie* e loro vegetazione con enumerazione delle piante spontanee vascolari ... Palermo (Stamperia di Giovanni Lorsnaider ...) 1878. Qu. (*Isole eolie*).
Publ.: 1878, p. [1], [5]-140. *Copies*: FI, G. – Originally published Atti. Soc. Acclim. Agr. Sicilia 17: 177-328. 1828. See BL 2: 393-394 for further literature.

4964. *Contributi alla flora di Sicilia* ... Palermo (Stabilimento tipografico Virzi) 1878. Qu. (*Contr. fl. Sicilia*).
Publ.: 1878, p. [1]-25. *Copies*: FI, G.

4965. *Tentamen monographiae trifoliorum* sive generis Trifolii species ... Panormi [Palermo] (Ex typis Bernardi Virzi) 1878. Oct. (*Tent. monogr. trifol.*).
Publ.: 1878, p. [1]-22. *Copy*: FI.

4966. *Monografia dei trifogli di Sicilia* prodromi di una revisione del genere ... Palermo (Stab. tipografico Virzi) 1878. Qu. (*Monogr. trifogli Sicilia*).
Publ.: 1878, p. [i], [1]-172. *Copies*: FI, USDA.
Ref.: Anon., Österr. bot. Z. 29: 128-130. 1 Apr 1879.

4967. *Sulla sistematica delle ombrellifere* dei jughi e della natura del frutto in questo gruppo dissertazione critica ... Palermo (stabilimento tipografico Virzi) 1882. Qu. (*Sist. ombrell.*).
Publ.: 1882, p. [1]-57. *Copy*: FI (inf. C. Steinberg).

4968. *Flora sicula* o descrizione delle piante vascolari spontanee o indigenate in Sicilia ... Palermo (Libraria internazionale L. Pedone-Lauriel di Carlo Clausen) 1889-1908[1909], 3 vols. (in 5). Qu. (*Fl. sicul.*)
1(1): [1886-]1889 (p. 225: 30 Jun 1889; Nat. Nov. Jun(1) 1888 ann., Sep(1) 1889 publ., J. Bot. Sep 1889), p. [i], [1]-234, [i]-xiv, *pl. 1-20*. (parts published previously (from Mar 1886) in Giornale del Comizio Agrario di Palermo, n.v.)
1(2): 1891 (p. 305: 28 Jul 1891; Nat. Nov. Oct (1) 1891; published in parts?), p. [1]-311, [312], [i]-xvi, *pl. 1-20* (i. e. *1-18*, [*18bis*], *19*).
Imprint: Palermo Tipografia dello "Statuto".
2(1): 1903 (t.p. 1902; p. 240: 20 Sep 1903; Bot. Centralbl. & Bot. Zeit. 16 Feb 1904; Nat. Nov. Oct (1, 2) 1903, in parts?), p. [1]-240, p. [i]-xiv, *pl. 1-21*. *Imprint*: Palermo Tipo-Litografia Salvatore Bizzarrilli ...
2(2): 1904-1907 (t.p.; p. 408: 15 Feb 1907; apparently publ. in parts because the NY copy has also a t.p. dated 1904; Nat. Nov. Mai(2) 1907), p. [1]-428, *pl. 1-20*.
3: 1908-1909 (apparently in parts; t.p. 1908, cover dated 1909; p. xvi of index dated 4 Nov 1909), p. [1]-447, [448], [i]-xvi, *pl. 1-20*. *Imprint*: Palermo Scuola Tip. "Boccone del Povero."
Copies: MO, NY: IDC 5568. – *Addenda*: Malpighia 20: 37-48, 95-119, 180-218, 290-300. 1906.
Ref.: J. F. Freyn, Bot. Centralbl. 40: 184-185. 5 Nov 1889 (1(1)).
Roth, E., Bot. Jahrb. 11: 93-94, 25 Apr 1890.

4969. *Sulla morfologia dei legumi del genere "Medicago"* ... Palermo (Tipografia Filippo Barravecchia e figlio) 1891. Qu. (*Morf. legum. Medicago*).
Publ.: 1891, p. [1]-27, *3 pl.* with text. *Copy*: FI. – Also published as Atti Accad. Sci. Palermo 11(1), 1891.

Lojka, Hugo (1845-1887), Hungarian lichenologist; born in Galicia; studied in Vienna; later high school teacher at Budapest. (*Lojka*).

HERBARIUM and TYPES: W; other material B, BM, BP, BOL, BPU, GZU, H, H-NYL, K, LD, NTM, PRC, SAM, SLO, STU, WU, Z, ZT. L's lichenological library was acquired by A. Zahlbruckner; the Hazslinsky lichen herbarium, owned by Lojka, was acquired by BP; Lojka's own lichens are at WU (fide Laundon, 1979); however, according to Österr. bot. Z. (40: 428. 1890) the entire Lojka lichen herbarium went to W (see also Gyelnik 1938). Before his death W had already acquired many other Lojka collections as is clear from the numerous notices on these acquisitions in the ÖbZ. The notice in ÖbZ (38: 183. 1888) announcing the acquisition of the lichen herbarium by BP must refer to the Hazslinsky collection.
Exsiccatae:
1. *Iter tirolense,* 1884; set at FH.
2. *Lichenotheca* (Lichenes) *regni hungarici exsiccati,* fasc. 1-4, nos. 1-200, 1882-1884, sets see IH (50 sets issued).
3. *Lichenotheca universalis* continens lichenes exsiccatos totius orbis. Budapestini (ex Officina Athenaei budapestinensis), fasc. 1-5, nos. 1-248, 1885-1886, sets see IH.
Ref.: Anon., Bot. Jahrb. 10, Beibl. 23: 2. 1889 (herb. for sale).
Sayre, G., Mem. New York Bot. Gard. 19(1): 33, 141. 1969.

CORRESPONDENCE: 41 Letters to W. Nylander at H-UB.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 551, 12(2): 303; Barnhart 2: 399; Bossert p. 242; CSP 8: 256, 12: 456, 16: 854; DTS 1: 176; Gr p. 652, *pl.* [*24*]; Hawksworth p. 184; IH 2: 456-457; Kew 3: 488; Kremp. 3: 10, 53, 66; LS 15858-15866; Morren ed. 10, p. 39; NW p. 51; SBC p. 126 ("Lojka"); Urban-Berl. p. 288.
Anon., Bot. Centralbl. 32: 63. 1887 (d.); Bot. Gaz. 12: 282. 1887; Bot. Jahrb. 9: Beibl. 21, Heft 3: 1: 1887; Bot. Not. 1888: 46 (d.); Flora 70: 450. 1887; Nat. Nov. 9: 268. 1887 (d.): Österr. bot. Z. 37: 370. 1887 (d.).
Beck, G., *in* K. Fritsch et al., Bot. Anst. Wiens 78. 1938 (lichens at W).
Degen, A., Magy.bot. Lap. 31: 61-66. 1932 (portr.).
Gyelnik, V. K., Ann. hist.-nat. Mus. natl. Hung., Bot. 31: 56, 1938 (lichens at W).
Kanitz, A., Magy. növén. Lap. 11: 159. 1887.
Laundon, J. R., Lichenologist 11: 13. 1978 (his lichens at WU).
Pötsch, J. S. und K. B. Schiedermayr, Syst. Aufz. samenlosen Pfl. Oesterr. ob. d. Enns xvi. 1872 (see also AG 12(2): 303).
Staub, Ann. bot. 1: 408. 1888 (bibl.).
Szatala, Ö., Magy. bot. Lap. 31: 67-70. 1932 (general evaluation).
Szymkiewicz, D., Bibl. fl. Polsk. 47. 1925.
Verseghy, K., Feddes Repert. 68(1): 118-120. 1963 (coll., taxa, bibl., b. 6 Jan 1844, d. 7 Sep 1887).
Wittrock, V. B., Acta Horti Berg. 3(3): 171, *pl. 123.* 1905 (portr.).

EPONYMY: *Lojkania* Rehm (1905).

Londes, Friedrich Wilhelm (1780-1807), German botanist at Goettingen. (*Londes*).

HERBARIUM and TYPES: Some material at H.

BIBLIOGRAPHY and BIOGRAPHY: AG 7: 24, 5(1): 165; Barnhart 2: 399; BM 3: 1167; CSP 4: 78 Herder p. 94, 185; IH 2: 457: Kew 3: 489; PR 5594-5597 (ed. 1: 6255-6258); Rehder 1: 84, 5: 521; SO add. 784a; TR 829.
Lipschitz, S., Fl. URSS fontes no. 641. 1975.

EPONYMY: *Londesia* F. E. L. Fischer & C. A. Meyer (1836).

4970. Dissertatio inauguralis medica *de Chaerophyllo bulboso* ejusque usu cum medico tum botanico. Quam illustris medicorum ordinis consensu et auctoritate in Academia Georgia Augusta pro gradu doctoris summisque in medicina et chirurgia honoribus et privilegiis die xxviii. febr mdccci. Publice defendet Fridericus Guilelmus Londes gottingensis. Cum tabula aenea. Gottingae [Göttingen] (typis Grapianis) s.d. [1801]. Qu. (*Chaeroph. bulb.*).
Publ.: 28 Feb 1801, p. [1]-24, [1, note], [1-2, theses]. *Copy*: G.

4971. *Verzeichnis der um Göttingen wildwachsenden Pflanzen* nebst Bestimmung des Standorts. Als Einleitung zu der Flora von Göttingen ... Göttingen (Bey Heinrich Dieterich). Oct. (*Verz. Gött. Pfl.*).
Publ.: 1805 (p. viii: Mar 1805), p. [i]-viii, [1]-88. *Copies*: NY, USDA.

Long, William Henry (1867-1947), American mycologist; studied at Baylor University, Waco, Texas; A. B. 1888; professor of natural history at Waco 1888-1892, from 1892-1899 at Greenville, Texas; A. M. Univ. Texas 1900; Ph. D. id. 1917; 1900-1910 at Denton, Texas; from 1910-1911 at USDA, Washington, with USDA at Albuquerque, New Mexico 1911-1937. (*W. H. Long*).

HERBARIUM and TYPES: BPI (US); other material at B, CUP, NTSC, NY, PUR, TEX. – Original herbarium, collected up to 1907, burned.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 400 (b. 7 Mar 1867, d. 10 Dec 1947); CSP 16: 860; Hawksworth p. 184; IH 1 (ed. 6): 361, 2: 458; Kelly p. 132-133; Kew 3: 495; Lasègue p. 465, 505, 574; LS 15876-15877, 36229, suppl. 16525-16551; Moebius p. 362; MW p. 285; NAF 7(15): 1076; Stevenson p. 1249; Tucker 1: 440.
Hesler, L. R., Biogr. sketches N. Amer. mycol. 1975 (mss).
Rickett, H. W., Index Bull. Torrey bot. Club 64. 1955.
Rogers, D. P., Brief hist. mycol. N. Amer. 46-47. 1955.
Stevenson, J. A., Mycologia 41(3): 223-228. 1949 (portr., bibl. of 78 nos.); Taxon 4(8): 184. 1955 (on herb.).

EPONYMY: *Longia* H. Sydow (1921); *Longia* S. M. Zeller (1943). *Note*: *Longoa* Curzi (1927) is dedicated to Biagio Longo (1872-1950), Italian botanist (see below).

Longo, Biagio (1872-1950), Italian botanist; assistant at the botanical institute in Rome 1896, professor of botany at Siena 1907-1915; director of the botanical garden of Pisa 1915-1929; professor of botany at Napoli 1929-1942. (*Longo*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 400; BL 2: 343, 344, 345, 684.
Anon., Bot. Centralbl. 69: 160, 335. 1897 (asst. bot. inst. Roma), 92: 608. 1903 (Carpi price), 104: 352. 1907 (app. Siena); Hedwigia 42 (Beibl.) 5: 295. 1903 (Carpi price), 46 (Beibl.) 3: 144. 1907 (app. Siena); Nat Nov. 19: 129. 1897 (app. Roma); Österr. bot. Z. 47: 70. 1897 (app. Roma, 57: 175. 1907 (app. Siena).
Gager, C. S., Brooklyn Bot. Gard. Rec. 27: 283 (Pisa 1915-1929), 288 (Siena 1906 [i.e. 1 Jan 1907]-1916), 276 (Napoli, from 1929). 1938.
Giacomini, V., Ann. Bot. Roma 31: 223-228. 1972 (commemoration, biogr., portr., b. 4 Feb 1872, d. 29 Nov. 1950).
Kneucker, A., Allg. bot. Z. 5: 36. 1897 (app. Rome), 13: 72. 1907 (app. Siena).
Lusina, G., Ann. Bot., Roma 25: 155-156. 1958 (bibl. Roma).

EPONYMY: *Longoa* Curzi (1927).

4972. *Le piante più notevoli del r. orto botanico di Pisa.* Pisa (appresso Francesco Mariotti, ...) 1922 . Oct. (*Piante orto bot. Pisa*).
Publ.: 1922 (rd. at BR 11 Aug 1922), p. [3]-28, [1, list pl.], [1, colo.], *pl. 1* (map), *2-10*. *Copies*: BR, FI.

Longyear, Burton Orange (1868-1969), American forester and botanist in Colorado. (*Longyear*).

HERBARIUM and TYPES: BPI (US), CS, MSC, NYS.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 400: Bossert p. 242 (b. 16 Jul 1868, d. 10 Apr 1969 ; CSP 16: 861; IH 2: 458; Kelly p. 133; LS 15881-15890, suppl. 16557; NAF 9(6): 442; Stevenson p. 1249; Tucker 1: 440.
Ewan, J., Rocky Mt. natur. 253-254. 1950.
Shope, P. F., Mycologia 21: 295, 296. 1929.

4973. *Trees and shrubs of the Rocky Mountain region* with keys and descriptions for their identification . . . New York and London (G. P. Putnam's Sons, The Knickerbocker Press) 1927. (*Trees Rocky Mt.*).
Publ.: 1927 (p. vii: Oct 1926; Nat. Nov. Sep 1927), frontisp., p. [i]-xvii, 1-244. *Copy*: G.

Lonitzer [Lonicerus], **Adam** (1528-1586), German physician and botanist at Frankfurt and Mainz (1545-1553), Marburg (1553-1554) and Frankfurt a. M. (1555-1586). (*Lonitzer*) (*Lonic.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: ADB 19: 157; Ainsworth 186, 187, 217, 309; Backer, p. 337; Barnhart 2: 400; BM 3: 1174; Bossert p. 242; Dryander 1: 279, 5: 337; DSB 8: 483-484; GR p. 106-107; HA 1: 309, 2: 451; Hegi 6(1): 249; Jackson p. 25; Kew 3: 496; Langman p. 454; Lasègue p. 15, 574; LS 15891-15892; Moebius p. 30, 138; NI 1227-1230; Plesch p. 317; PR 5598-5599 (ed. 1: 6260-6261); Rehder 5: 522; Tucker 1: 440.
Anon., Cat. gén. livres imp. Bibl. natl., Paris. Auteurs 99: 925-926. 1930. (bibl.).
Arber, A., Herbals ed. 2 1953, p. 52, 134, 221.
Eriksson, G., Bot. hist. Sverige 64, 139. 1969.
Nissen, C., Zool. Buchill. 259. 1969.
Poggendorff, J. C., Biogr.-lit. Handw.-Buch 1: 1495. 1863 (b. 10 Oct 1528, d. 29 Mai 1586).
Richter, G., Arch. Gesch. Buchwesens 7(3/4): 480-507. 1966.
Schmitz, R., Ber. deut. bot. Ges. 91: 424-425. 1978 (at Marburg).
Van de Velde, A. J. J., Med. Kon. Vlaamse Acad. Wet. 17(7): 10-14. 1955.
Wittrock, V. B., Acta Horti Berg. 3(2): 135. 1903 (b. 11 Oct 1528, d. 29 Mai 1586).

EPONYMY: *Lonicera* Linnaeus (1753); *Lonicera* Boehmer (1760); *Lonicera* J. Gaertner (1788); *Lonicerapollis* W. Krutzsch (1962).

NOTE: We refrain from treating this author because his herbals, though used widely and reprinted many times, had little or no influence on Linnaean and post-Linnaean taxonomy.

Looser, Gualterio (1898-x), Chilean botanist at Santiago de Chile. (*Looser*).

HERBARIUM and TYPES: PAE; duplicates in many herbaria.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 401; BL 1: 245, 246, 247, 306; Bossert p. 242; Hortus 3: 1198; IF (suppl. 4) p. 329; IH 2: 459; Roon p. 70; RS p. 116; TL-1/84; TL-2/482; Zander ed. 10, p. 686, ed. 11, p. 783 (b. 4 Sep 1898).
Burkart, A., Darwiniana 2: 138. 1928 (pl. SI.)
Merrill, E. D., B. P. Bishop Mus. Bull. 144: 124. 1937 (bibl., Polynes); Contr. U. S. natl. Herb. 30(1): 194-195. 1947 (bibl., Pacific).
Moldenke, H. N., Plant Life 2: 70. 1946 (1948) (epon.).

COMPOSITE WORKS: (1) *Lista de plantas que han sido observadas en Chile* en 1828 por el Dr. Carlos Bertero; Santiago de Chile 1933-1936, p. [1]-71. *Copies*: U, US. – See TL-2/482.
(2) Karl Reiche, *Geografia botánica de Chile*, traduccion del aleman de Gualterio Looser, Santiago, 2 vols., 1934-1937, see under Reiche.

Loosjes, Adriaan (1761-1818), Dutch botanist, poet, novelist and bookseller; studied at Amsterdam, at Haarlem from 1782. (*Loosjes*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Aa11: 631; BL 2: 435; BM 3: 1176; Dryander 3: 140, 5: 337; JW 2: 196, 3: 361, 5: 245-246; NNBW 4: 929; Oudemans 2: 237; PR 5601 (ed. 1: 6263); Rehder 5: 522.
Forbes, R. J., ed., Martinus van Marum 3: 72, 77, 169-170, 251, 365. 1971.
Winkler Prins, A., Geill. encycl. ed. 2. 10: 351-352. 1886.

4974. *Flora harlemica*, of lyst der planten, rondom Haarlem. In het wild groeijende, volgens het Zaamenstel van Linnaeus, ... te Haarlem (by Jacob Tydgaat, boekverkoper) 1779. Oct. (*Fl. harlem.*).
Publ.: Sep-Dec 1779 (p. vi: 9 Sep 1779), p. [i]-viii, [1]-53, [1, note], *Copies*: L(2). – Later judgement of his own work by the author: "Ach arme Flora, die niets deugt, Ach misgeboorte van mijn jeugd" ("Oh poor worthless Flora, oh abortion of my youth"). The book was written to please David de Gorter after a year's lessons in botany at Haarlem (1777) (JW 5).
Ref.: Anon., Roozenkrans voor Loosjes Flora, Amsterdam 1779.

Lopriore (Lo Priore), **Giuseppe** (1865-1928), Italian botanist; Dr. agr. Portici 1887; assistant at Portici but often working in Berlin 1887-1895; professor of botany at the enological institute of Catania 1895-1909; director of the agricultural experiment station at Modena 1909-1925; professor of botany at the agricultural university of Portici 1925-1928. (*Lopriore*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 401; BJI 1: 38; BL 2: 394, 684; BM 4: 1177, 7: 747; Bossert p. 242; Langman p. 458; Rehder 5: 522; Saccardo 1: 97-98.
Anon., Bot. Centralbl. 111: 336. 1909 (app. Modena); Hedwigia 49 (3): (133). 1910 (app. Modena); 68(2): (135). 1929 (d.); Österr. bot. Z. 59: 455. 1909 (app. Modena).
Bullock, A. A., Bibl. S. Afr. Bot. 71. 1978.
Draghetti, A., Atti Soc. Nat. Mat. Modena 8: 107-113. 1929 (d.) (n.v.).
Gager, C. S., Brooklyn Bot. Gard. Rec. 27(3): 286. 1938 (at Portici 1925-1928).
Pantanelli, G., Ber. deut. bot. Ges. 46: 185-190. 1928 (obit., bibl., b. 15 Sep 1865, d. 26 Dec 1928).

4975. Studi comparativi sulla *flora lacustre della Sicilia*. Catania (Tip. Sicula di Monaco & Mollica) 1900. Qu. (*Fl. lacustre Sicilia*).
Publ.: 1900, p. [1]-116. *Copy*: FI. – Inf. C. Steinberg.

4976. *Genetica sperimentale*. Saggio di applicazione al miglioramento delle piante agrarie. Torino (Unione tipografico-editrice Torinese ...) 1920. Qu. (*Genet. sperim.*).
Publ.: 1920, p. [1]-200, *1 pl. Copy*: FI. – Reprinted from Nuova Encicl. agr. ital., vol. 4. Inf. C. Steinberg.

Lorch, Wilhelm (1867-1954), German botanist; studied at München; high school teacher at Berlin. (*Lorch*).

HERBARIUM and TYPES: Material at B, BHU, BONN, H, MB and WAG.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 402; BFM 366; CSP 16: 865; GR p. 107; Hirsch p. 180; IH 2: 460; Kew 3: 500; LS 15901; Moebius p. 117; Urban-Berl. p. 306.
Anon., Rev. bryol. 20: 75. 1893, 22: 94. 1895; 26: 102. 1899; 29: 14. 1902, ser. 2. 4: 212. 1932.
Bergdolt, E., Karl von Goebel ed.2. 121, 140, 142, 149, 186. . 1941.
Lorch, W. Bot. Centralbl. 38: 608. 1889 (offers a "Moosherbar" of 700 specimens for sale).
Sayre, G., Bryologist 80: 513. 1977 (location bryoph.).

COMPOSITE WORKS: *Anatomie der Laubmoose*, *in* K. Linsbauer *Handb. Pfl.-Anat.* 2, Bryophyten 7(1), 1931, viii, 358 p. (H. Reimers, Hedwigia 71: (33)-(34). Aug 1931). – See also F. Verdoorn, ed., Manual of bryology 483 [index]. 1932.

4977. *Excursions-Flora* der in der Umgebung von *Marburg* wildwachsenden Pflanzen (Phanerogamen und Pteridophyten) ... Marburg (Verlag von Chr. Lorch) 1891. (*Excurs. Fl. Marburg*).
Publ.: Sep 1891 ("neuerdings" Flora 3 Oct 1891), p. [i*-v*], [i]-xlviii, [1]-275. *Copies*: B, G. M.

4978. *Beiträge zur Anatomie und Biologie der Laubmoose.* Inaugural-Dissertation zur Erlangung der Doctorwürde bei der hohen philosophischen Facultät der kgl. bayer. Ludwig-Maximilians-Universität zu München vorgelegt von Wilhelm Lorch aus Marburg ... München (Druck von Val. Höfling, ...) 1894. Oct.
Publ.: 4 Jun 1894 (in journal; Nat. Nov. Jan(2) 1896 sic), p. [1]-44. *Copy*: G. – Reprinted and to be cited from Flora 78: 424-465. 1894.

4979. *Die Kryptogamen des Belgischen Landes.* Ein Beitrag zur naturhistorischen Durchforschung dieses Gebiets ... Band 1: Pteridophyten und Bryophyten. Elberfeld (Baedeker'sche Buch- und Kunsthandlung und Buchdruckerei, ...) 1897. Oct. † (*Krypt. Berg. Land.*).
Co-author: Karl E. Laubenburg (p. 13-104).
1 (all publ.): Feb-Nov 1897 (p. 11: Jul 1897; Bot. Centralbl. 8 Dec 1897; ÖbZ Dec 1897; "soeben" Flora 16 Dec 1897; Bot. Zeit. 1 Dec 1897; Nat. Nov. Dec(1) 1897), p. [1]-191. *Copies*: BR, FH. – From Jahresb. naturw. Ver. Elberfeld 9 (1897).

4980. *Die Polytrichaceen.* Eine biologische Monographie ...München (Verlag der K. B. Akademie der Wissenschaften ...) 1908. Qu. (*Polytrichaceen*).
Publ.: 1908 (Nat. Nov. Jan(1) 1909), p. [i], 447-546. *Copy*: B. – Reprinted with new t.p. and original pagination from Abh. k. bay. Akad. Wiss., II. Kl. 23(3): [447]-546. 1908.

4981. *Die Laubmoose* ... Berlin (Verlag von Julius Springer) 1913. Oct. (*Laubmoose*).
Ed. 1: Jan 1913 (p. vi: Nov 1912; Nat. Nov. Feb (1) 1913; ÖbZ Feb 1912), p. [ii]-vi, [1-2, cont., err.], [1]-250. *Copies*: G, MO, U, WAG. – Kryptogamenflora für Anfänger, ed. Gustav Lindau, vol. 5.
Ed. 2: Jan-Mar 1923 (p. vi: Oct 1922; ÖbZ Jan-Jun 1923; Bot. Jahrb. 1 Apr 1923), p. [ii]-vi, [1-2], [(1)]-(38), [1]-236. *Copies*: FH, MO, U-V, USDA.– "Zweite, verbesserte und vermehrte Auflage" Berlin (id.). Oct.

4982. *Die Torf- und Lebermoose.* Von Dr. Wilhelm Lorch ... Die Farnpflanzen (Pteridophyta). Von Guide Brause ... Berlin (Verlag von Julius Springer) 1914. Oct. (*Torf-Leberm.*).
Author of Pteridophyta: Guido Georg Wilhelm Brause (1847-1921).
Ed. 1: Jan 1914 (p. vi: Jan 1914; Nat. Nov. Feb(1) 1914; NYBG Jul 1914), p. [ii]-viii, [1], [1]-184, [Pterid.:] [1]-108. – *Copies*: G, H, MICH, MO, U, U-V, WAG. – G. Lindau, Kryptogamenflora für Anfänger, vol. 6. See also Lindau (1911).
Ed. 2: 1926, p. [ii]-viii, [1]-232, [Pterid.:] [1]-123, 124. *Copies*: B, MO.
Facsimile ed. [of ed. 2]: 1971, p. [ii]-viii, [1]-232, [Pterid.:] [1]-123, [124]. *Copy*: Biol. Inst. Univ. Nymegen; – Nachdruck im Verlag von Otto Koeltz, Koenigstein-Taunus, 1971, ISBN 3-787429-027-1.

Lorek, Christian Gottlieb (1788-1871), German botanist and high school teacher at Königsberg; Dr. phil. Königsberg 1812; taught at the Burgschule 1811-1850, retired because of increasing loss of eye-sight. (*Lorek*).

HERBARIUM and TYPES: Originally at KBG; now destroyed. Caspary mentions a manuscript with 90 figures of fungi at the university library, Königsberg (now Kaliningrad, USSR) (see also E. Meyer, Preuss. Provincial-Blätter 10, 1833), identified by E. Fries.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 402; Herder p. 185; Jackson p. 309; Kew 3: 500; NI 1231; PR 5602; Rehder 5: 522; Tucker 1:440.

Caspary, R., Lebensbeschr. ost.-westpreuss. Bot., Festschr. Preuss. bot. Ver. 241-246. 1912. (bibl.; many details).
Trunz, H., Das Ostpreussenblatt 15(35): 11. 29 Aug 1964.

4983. *Flora prussica,* Abbildungen sämtlicher, bis jetzt aufgefundener Pflanzen Preussens ... Königsberg (zu haben bei dem Verfasser und in der Unzerschen Buchhandlung) 1826 [-1830]. (*Fl. pruss.*).
Ed. 1: 1826-1830, in 12 Hefte with *pl. 1-210*. With text: *Zur Flora prussica* von Dr. C. G. Lorek-Königsberg, Königsberg (Gedruckt in der Schultzschen Buchdruckerei) 1830, 51 p. *Copy*: B-S.
Nachtrag: 1837 (Heft 13), *pl. 211-230*.
Ed. 2: 1837-1838, 2 vols. (in one), *229* partly col. plates and *1* uncol. pl. *Text*: *Zur Flora prussica* ... 2. Ausgabe. Königsberg (Gedruckt bei C. J. Dalkowski) 1838, 54 p.
Ed. 3: 1846-1848, *Text* p. [i], [1]-57. *Zur Flora prussica* ... Königsberg 1846. Oct., *Plates 1-241* published in various Hefte, 1846-1848 (all newly engraved on stone). "Dritte verbesserte und vermehrte Ausgabe. "Königsberg (Verlag der Universitäts-Buchhandlung) 1848. Qu. *Copies*: B, G, L, MO, NY.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 4: 861-862. 1846, 16: 216. 1858 (re-issue).

Lorente y Asensi, Vicente Alfonso (1758-1813), Spanish botanist; professor of botany and director of the botanical garden at Valencia (1804-1813). (*Lorente*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Colmeiro 1: clxxxvi; PR 5603-5605 (ed. 1: 6265-6267); Rehder 5: 522; SO 768.
Gager, C. S., Brooklyn Bot. Rec. 27: 329. 1938.
Ripoll, V., Anal. Inst. bot. Cavanilles 15: 523-538. 1957 (bibl.).

EPONYMY: *Lorentea* Ortega (1797); *Lorentea* Lagasca (1816); *Lorentea* Lessing (1830).

4984. *Nova generum Polygamiae classificatio* ... Valentiae (ex praelo Josephi Estevan et Cervera, ... [1796]. Qu. (*Nova gen. Polygam.*).
Publ.: 1796 (p. [vi]: Idus Apr. 1796), p. [i-vi], 1-29, [1, err.]. *Copy*: B-S.

4985. *Carta* I. Dirigida a don Agustin Juan y Poveda, ... por Don Vicente Alfonso Lorente *sobre las observaciones botánicas* que ha publicado D. Antonio José Cavanilles. En Valencia (por Josef Estevan y Cervera) 1797. Qu. (*Carta obs. bot.*).
Publ.: 1797, p. [1]-27. *Copy*: B-S. – For A. J. Cavanilles, *Obs. hist. nat.*, 1795-1797, see TL-2/1062.

Lorentz, Paul (Pablo) **Günther** (1835-1881), German botanist: in Germany until 1869; professor of botany at Cordoba, Argentina until 1874; later high school teacher at Concepción, Uruguay. (*Lorentz*).

HERBARIUM and TYPES: Lichenes at M; phanerogams at GOET; the main part of the original mosses was destroyed in B (herb. K. Müller Hal.), however the pre-1870 European moss collections are at M and several of L's moss collections (e.g. from Norway) were distributed by the Unio itineraria; other mosses are at GFW, GOET, H, NY and W. For further details see IH.
Ref.: Anon., Flora 53: 208. 1870 (sale of his moss herbarium), Bot. Zeit. 28: 359-360. 3 Jun 1870; Bot Jahrb. 3, Beibl. 1, 29 Dec 1882 (herb. bought by B).
Lanjouw, J., *in* F. Verdoorn, ed., Pl. pl. sci. Latin Amer. 234. 1945.
Mägdefrau, K., in litt. d.d. 6 Jan 1980.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 402; BL 1: 235-236, 306; BM 3: 1178, 7: 747; Bossert p. 243; Clokie p. 203; CSP 8: 259, 10: 631, 12: 457-458; DTS 1: 176-177, 6(4): 50; Frank 3(Anh.): 60; GR p. 107; Herder p. 112, 265; Hortus 3: 1198 ("Lorentz"); IH 1 (ed. 6): 361, 2: 460; Jackson p. 575; Kew 3: 500-501; KR p. 468; LS 15902; Moebius p. 117; Morren ed. 2, p. 37; NAF ser. 2. 3: 39; PR 5606-5611; Rehder 5: 522; Saccardo 1: 98, 2: 64,

125 (b. 30 Aug 1835); SBC p. 126 ("Lor."); Stevenson p. 1249; TL-1/452; TL-2/198, 2186, 2187, 3607, 3941, indexes; Tucker 1: 441; Urban-Berl. p. 271, 307, 370.
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NOTE: We are grateful to Karl Mägdefrau for detailed information on Lorentz.

EPONYMY: *Lorentzia* Hampe (1867); *Lorentzia* Grisebach (1874); *Lorentzia* Hieronymus (1881); *Lorentziella* Mueller Hal. (1879).

4986. *Beiträge zur Biologie und Geographie der Laubmoose.* Eine Abhandlung zur Erlangung der philosophischen Doctorwürde ... München (Druck von Dr. C. Wolf & Sohn) 1860. Qu. (*Beitr. Biol. Laubm.*).
Publ.: 1860, p. [1]-38. *Copies*: G(2), H, M, Mägdefrau, MO, NY.
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4987. *Moosstudien* herausgegeben von Dr. P. G. Lorentz ... mit fünf lithographirten Tafeln. Leipzig (Verlag von Wilhelm Engelmann) 1864. Qu. (*Moosstudien*).
Publ.: 1864 (p. [v]: 20 Oct 1863, Neu, Flora 4 Jul 1864), p. [i]-viii, [1]-171, [172, err.], *pl. 1-5* (uncol. liths.). *Copies*: G, H, M, Mägdefrau, MO, NY, U, USDA; IDC 7387. – The second chapter, p. 37-154, by Lorentz and Ludwig Molendo (1833-1902) constitutes the *Zweite Folge* of the *Beiträge* (see above).
Ref.: J. M., Bot. Zeit. 22: 296. 16 Sep 1864; Hedwigia 3: 178-179. 1864.
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4988. *Bryologisches Notizbuch.* Zum praktischen Gebrauche zusammengestellt ... Stuttgart

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vol.	pages	dates	vol.	pages	dates
50	241-248	14 Jun 1867	50	526-528	3 Dec 1867
	257-264	19 Jun 1867		529-540	11 Dec 1867
	289-297	6 Jul 1867		545-558	14 Dec 1867
	305-313	10 Jul 1867.			

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4992. Über die *Moose*, die Hr. *Ehrenberg* in den Jahren 1820-1826 in Aegypten, der Sinai-Halbinsel und Syrien gesammelt ... Berlin (Gedruckt in der Buchdruckerei der königl. Akademie der Wissenschaften ...) 1867. Qu. (*Moose Ehrenberg*).
Collector: Christian Gottfried Ehrenberg (1795-1876).
Publ.: 1867 (read 20 Jun 1867), p. [i-ii], [1]-57, *pl. 1-15* (partly col. liths. auct.). *Copies*: B, H, M, NY. – Abh. k. Akad. Wiss. Berlin, Phys. 1867: 1-57.

4993. *Studien über drei Moosarten*: Orthotrichum Schubartianum Ltz. Campylopus Mülleri Ltz. und Weissia zonata Brid. ... Wien (Im Selbstverlag der Gesellschaft) 1868. Qu.
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4994. *Grundlinien zu einer vergleichenden Anatomie der Laubmoose* (Abdr. a.d. Jahrb. f. wiss. Bot. 6. 1868). Oct.
Publ.: 1868 (in journal), p. [1]-104, *pl. 21-28. Copies*: H, M, Mägdefrau. – Reprinted and to be cited from Jahrb. wiss. Bot. 6(3): 363-466. 1868 (see e.g. BbSF 15 (bibl.) 89. post 15 Aug 1868). Fundamental treatise.

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4996. *La vegetación del Nordeste* de la Provincia *de Entre-Rios* informe cientifico ... Buenos Aires (Imprenta de "El Economista," ...) 1878. Oct. (*Veg. Nordeste*).
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4997. Informe oficial de la comision cientifica agregada al estado mayor general de la *Expedicion al Rio Negro* (Patagonia) Realizada en los meses de Abril, Mayo y Junio de 1879, bajo las órdenes del General D. Julio A. Roca. Entrega II. *Botánica* (con 12 Láminas) ... Buenos Aires (Imprenta de Ostwald y Martinez, ...) 1881. Qu. (*Exped. Rio Negro, Bot.*).
Authors: P. G. Lorentz and Gustavo Niederlein (1858-1924).
Publ.: 1881, p. [i], [173]-294, *pl. 1-12* w.t. *Copies*: BR, Mägdefrau, US. – See BM 1: 60.

Lorenz, Annie (1879-1927), American hepaticologist; high school teacher at Hartford, Conn. (*A. Lorenz*).

HERBARIUM and TYPES: NEBC, NY; duplicates DBN.

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Lorenz, B. (*fl.* 1894), German botanist; high school teacher at Zittau. (*B. Lorenz*).

HERBARIUM and TYPES: Unknown.

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4998. *Die Holzpflanzen der Südlausitz* und des nördlichsten Böhmens mit Berücksichtigung der Ziergehölze in den Anlagen der Stadt Zittau. Zittau (Druck von Moritz Böhme ...) 1894. Qu. (*Holzpfl. Südlausitz*).
Publ.: Apr-Mai 1894 (Bot. Zeit. 1 Apr 1895; Nat. Nov. Mai(2) 1894), on p. [1]-30 of Jahresber. k. Realgymn. höh. Handelsschule zu Zittau 1893-1894, Progr. Nr. 558. *Copy* of program: MO, p. [i], [1]-63. – A similarly entitled publication (31 p.) appeared in the program for 1891 (n.v.) (Bot. Zeit. 27 Mai 1892).

Loret, Henri (1811-1888), French botanist; originally from Charente-Inférieure; at Montpellier from 1860 in charge of the botanic garden and herbaria of the Université de Montpellier. (*H. Loret*).

HERBARIUM and TYPES: P (15.000); a special Montpellier herbarium at MPU (2161). 30 Letters to Malinvaud at P.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 549; Barnhart 2: 403 (b. 11 Oct 1811); BL 2: 684 [ind.]; BM3: 1179; CSP4: 85, 10: 633, 12: 458, 16: 870; Hegi 5(2): 1027; Herder p. 174; IH 2: 461; Jackson p. 575; Kew 3: 501; Morren ed. 10, p. 66; PR 5615; Rehder 5: 523; Tucker 1: 441; Urban-Berl. p. 271.
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Publ.: Jan-Mai 1862 (p. 54: 26 Dec 1861; BSbF rd. 27 Jun 1862). *Copy*: G. – Reprinted and to be cited from Bull. Soc. Agr. Industr. Sci. Arts Lozère 13: 81-134. 1862.

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Publ.: Dec 1874-Jan 1876 (in journal; reprint J. Bot. Jan 1876, Mar 1876), p. [1]-70. *Copies*: FI, G. – Reprinted and to be cited from Rev. Sci. nat., Montpellier, 3: 352-385. 15 Dec 1874, 558-577. 15 Mar 1875, 4: 40-58. Jan 1876 (for 15 Jun 1875).

5001. *Flore de Montpellier* comprenant l'analyse descriptive des plantes vasculaires de l'Hérault l'indication des propriétés médicinales, des noms vulgaires et des noms patois, et un vocabulaire explicatif des termes de botanique ... Montpellier (C. Coulet, ...), Paris (Adrien Delahaye, ...) 1876, 2 vols. Oct. (*Fl. Montpellier*).
Co-author: Auguste Barrandon (1814-1897).
Ed. 1: Jan-Feb 1876 (p. xxix: 2 Jan 1876; BSbF Feb 1876; J. Bot. Apr 1876). *Copies*: BR, G, USDA.
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Loret, Victor (1859-?), French archeologist and botanist. (*V. Loret*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1179; CSP 16: 870; Rehder 5: 523; Tucker 1: 441.

5003. *La flore pharaonique* d'après les documents hiéroglyphiques et les spécimens découverts dans les tombes ... Paris (Baillière, ...) 1887. Oct.
Ed. 1: 1887 (preface 20 Mai 1887; J. Bot. Dec 1887; Bot. Zeit. 27 Jan 1888; Bot. Centralbl. 30 Jan-3 Feb 1888; Nat. Nov. Jan(2) 1888), p. [1[-64. Preprinted from Ann. Soc. bot. Lyon 15: 1-64. 1888.
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Lorey, A. (*fl.* 1851), German botanist and high school teacher at Apolda. (*A. Lorey*).

HERBARIUM and TYPES: Unknown.

5004. *Flora von Weimar* und seiner Umgebung, nach dem Linné'schen und dem natürlichen Systeme, besonders mit genauer Angabe der Standorte zusammengestellt von A. Lorey, ...

und Dr. le Goullon, ... Apolda (Druck und Verlag von C. M. Teubner.) 1851. Oct. (*Fl. Weimar*).
Co-author: le Goullon.
Publ.: 1851 (p. vi: 14 Nov 1850), p. [i]-xlvii, [1]-243, [244, Nachtr.]. *Copy*: B.

Lorey, Félix-Nicolas (x-1841), French botanist at Dijon, later at Marseille. (*F. Lorey*).

HERBARIUM and TYPES: Musée d'Histoire naturelle, Dijon. Further material at FI and H.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 403; BL 2: 141, 684; BM 3: 1179; DTS 6(4): 91; IH 2: 461; Kew 3: 501; MD p. 177; PR 5616-5617 (ed. 1: 6270-6271); Rehder 5: 523; Saccardo 1: 98, 2: 125; TL-1/782-783; Tucker 1: 441.
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Steinberg, C. H., Webbia 32(1): 31. 1977.

EPONYMY: *Loreya* A. P. de Candolle (1828).

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Co-author: L. Duret (x-1874).
Publ.: ante 6 Aug 1825 (BF), p. [1]-47, [1, err.]. *Copies*: G, (2), NY.

5006. *Flore de la Côte-d'Or*, ou description des plantes indigènes et des espèces le plus généralement cultivées et acclimatées, observées jusqu'à ce jour dans ce département, disposées selon la méthode naturelle de Jussieu; suivie d'une table analytique. Avec figures. ... Dijon (Imprimerie, fonderie, lithographie et librairie de Douillier, ...) 1831, 2 vols. Oct. (*Fl. Côte-d'Or*).
Co-author: L. Duret (x-1874).
Vol. 1: Jan-Mar 1831 (BF 11 Jun 1831; Bull. Férussac Mar 1831), p. [i*-iii*], [i]-cli, [clii, abbr.], [1]-572, *pl. 1-3*, uncol. liths. by Heyland (1) and Pauline Dumont (2).
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Copies: G, MO, NY, USDA.– "*Précis des principes élémentaires de l'étude de la botanique*, spécialement destiné à l'usage de la flore de la Côte-d'or de MM. Lorey et Duret, D. – M. ... par M.Cl. Limonet ... A Dijon (Chez Douillier, ...) 1844. Duod., p. [i]-xxxv, [xxxvi], [1]-212. *Copy*: NY. – Nothing is known to us about Cl. Limonet.

Lorinser, Friedrich Wilhelm (1817-1895), Austrian (Bohemian-born) botanist and physician; "Landes-Sanitätsrath" and surgeon at the Wiedner hospital in Wien; brother of Gustav Lorinser (*F. Lorinser*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 403; BM 3: 1179; CSP 8: 261, 12: 458, 16: 874; DTS 1: 177, 6(4): 91; Jackson p. 164, 216, 575; Kelly p. 133; Kew 3: 501; LS 15903-15906; Maiwald p. 142, 148, 164; NAF 9(6): 442; Stevenson p. 1249.
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5007. *Die wichtigsten* essbaren, verdächtigen und giftigen *Schwämme* mit naturgetreuen Abbildungen derselben auf 12 Tafeln in Farbendruck zusammengestellt im Auftrage des k.k. niederösterreichischen Landessanitätsrathes ... Wien (Verlag von Eduard Hölzel) 1876. Oct. (*Wicht. Schwämme*).
Ed. 1: Apr-Dec 1876 (p. vi: Mar 1876; ÖbZ 1 Jan 1877); p. [i]-vi, [1, cont.], [1]-84, *pl. 1-12* (col. liths.). *Copies*: FH, NY(2), Stevenson. – Plates in special atlas volume.

Ed. 2: Apr-Oct 1881 (p. viii: 30 Mar 1881; Nat. Nov. Oct(3) 1881; Bot. Zeit. 30 Dec 1881; Bot. Centralbl. 17-21 Oct 1881), p. [i]-viii, [1]-89, *pl. 1-12* (id.).*Copy*: FI.
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Lorinser, Gustav (1811-1863), Bohemian physician and botanist; Dr. med. Praha 1838; practicing physician at Mimon (Niemes) 1838-1850; high school teacher at Eg(g)er 1850-1852, at Bratislava 1852-1863. (*G. Lorinser*).

HERBARIUM and TYPES: IBF; other material at E, L, MW, PR, PRM, W.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 403; BM 3: 1179; CSP 4: 87; DTS 1: xxi, 177, IH 2: 461; Jackson p. 263, 293; Kew 3: 501; Klášterský p. 121; LS 15907; Maiwald p. 142, 146, 148, 163, 209, 257; PR 5618-5620; Rehder 5: 523; TL-2/1: 1905.
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Skofitz, A., Österr. bot. Z. 1:4. 1851 (to Egger), 1863 (obit., b. 28 Aug 1811, d. 20 Mai 1863); 15: 239. 1865 (herbarium acquired by the director of the Mariahilfe Gymnasium Wien).
Watzel, C., Mitt. nordböhm. Exc.-Clubs Leipa 2: 49-54. 1879 (biogr.).

EPONYMY: *Lorinseria* K. B. Presl (1851). *Note*: *Lorinsera* Opiz (1839) is probably also dedicated to him.

5008. *Taschenbuch der Flora Deutschlands und der Schweiz*. Zur sicheren und leichteren Bestimmung der wildwachsenden und allgemein cultivirten phanerogamischen und kryptogamischen Gefäss-Pflanzen. Nach der analytischen Methode bearbeitet ... Wien (Verlag von Tendler & Comp.) 1847. 18-mo. (*Taschenb. Fl. Deutschl.*)
Co-author: Friedrich Wilhelm Lorinser (1817-1895).
Publ.: Jan-Mai 1847 (rd. Regensburg Jun 1847; Bot. Zeit. 24 Sep 1847), p. [i]-xxxv, [1]-488. *Copies*: M. NY.
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Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 5: 689-690. 24 Sep 1847, 9: 573. 1851.

5009. *Botanisches Excursionsbuch* für die deutsch-österreichischen Kronländer und das angrenzende Gebiet. Nach der analytischen Methode bearbeitet von Gustav Lorinser, ... Wien (Verlag von Tendler & Comp.) 1854. Oct. (*Bot. Excurs.-Buch*).
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Ed. 4: Feb-Apr 1877 (p. xvi: 13 Feb 1877; "Neu," Bot. Zeit. 6 Apr 1877), p. [i]-cxvi, [1[-565, [566, err.]. *Copies*: B, G, NY.– "4. Auflage, Durchgesehen und ergänzt von Dr. Friedrich Wilhelm Lorinser, ... " Wien (id.) 1877. Oct.
Ed. 5: Apr-Jun 1883 (p. [i]: 20 Mar 1883; Nat. Nov. Jul(2) 1883; Bot. Centralbl. 16-20 Jul 1883; Bot. Zeit. 31 Aug 1883), p. [i*], [i]-cxvi, [1]-565. *Copy*: NY.– "5. Auflage ... id., id. 1883. Oct.
Succeeded by: Fritsch, *Excursionsfl. Oesterreich*, see TL-2/2: 1905.
Ref.: Skofitz, A., Österr. bot. W. 4: 207. 1854; J. B., Österr. bot. Z. 10: 238-239. 1860; Anon.

ib. 21: 215. 1871; H. W. R., ib. 27: 213-214. 1877; Beck, G., ib. 33: 335-336. 1883; Freyn, Bot. Centralbl. 16: 173-174. 1883 (reviews).

Lortet, Mme. **Clémence,** née Richard (1772-1835), French botanist at Lyon; pupil and botanical companion of Gilibert, one of the founders of the Société linnéenne de Lyon. (*C. Lortet*).

HERBARIUM and TYPES: LY, in the herbarium of the Société linnéenne.

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NOTE ON THE LORTET FAMILY: Clémence Richard (1772-1835; no known connection with the botanical Richard family) married Jean Pierre Lortet (x-1823) in 1791. Her son Pierre Lortet (1792-1868) physician and naturalist, also active as amateur botanist, married (1826) Nettchen Müller (1802-1837). Louis-Charles Lortet (1836-1909), physician and botanist was the third child born out of this marriage; see below for treatment. Clémence Lortet contributed to publications by Balbis and Gilibert; published–through Gilibert – a *Calendrier de Flore* (1809), and left a mss. *Promenades botaniques* (1804-1805).

Lortet, Louis-Charles (1836-1909), French physician, parasitologist and botanist at Lyon; grandson of Clémence Lortet; Dr. med. Paris 1861; Dr. sci. nat. Lyon 1867; lecturer medical school, 1867, professor ib. 1868; lecturer in zoology at the Factulté des Sciences 1869; director of the Muséum d'histoire naturelle de Lyon 1869; professor of zoology Faculté des Sciences 1874-1877; professor of natural history at the Faculté mixte de Medecine et de Pharmacie 1877-1906. (*L. Lortet*).

HERBARIUM and TYPES: LY (via herb. A. Jordan); other material at FI. L's library was also acquired by Jordan; it was based on Roffavier's library.

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5010. *Recherches sur la fécondation et la germination du Preissia commutata* N. a. E. pour servir à l'histoire des Marchantia ... Thèse présentée à la Faculté des Sciences de Lyon pour obtenir le grade de docteur ès-sciences. Lyon (imprimerie Louis Perrin ...) 1867. Qu. (*Rech. Preissia*).
Publ.: Mai-Jun 1867 (permis d'imprimer 15 Mar 1867; BSbF Mai-Jun 1867; Flora 8 Oct 1867), p. [1]-59, [1-4], *pl. 1-4. Copies*: FI, MO, MO-Steere, U-V.

Loscos y Bernál, Francisco (1823-1886), Spanish pharmacist and botanist at Chiprana in Castelseras. (*Loscos*).

HERBARIUM and TYPES: Material at B, BP, C, FI, G, LY, MAF, MANCH, MW, P, W.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 192, 5(1): 782; Barnhart 2: 404; BL 2: 487, 488,

684; BM 3: 1181; Bossert p. 243; Colmeiro 1: clxxxvi; GR p. 762; IH 2: 461; Jackson p. 118, 340; Kew 3: 502; LS 15911; Morren ed. 10, p. 51; PR 5624; Rehder 5: 523; Tucker 1: 441-442; Urban-Berl. p. 371.
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5011. *Series inconfecta plantarum* indigeneraum *Aragoniae* praecipue meridionalis auctoribus Francisco Loscos y Bernál . . . et Josepho Pardo y Sastrón . . . E lingua castellana in latinam vertit, recensuit, emendavit, observationibus suis auxit atque edendam curavit Mauritius Willkomm. Dresdae [Dresden] (ex typographia E. Blochmann et fil.) 1863. Oct. (*Ser. inconf. pl. Aragon.*).
Co-author: Josepho Pardo y Sastrón (1822-1909).
Editor: Heinrich Moritz Willkomm (1821-1895).
Orig. ed.: Mar-Apr 1863 (p. x: 5 Mar 1863; BSbF 22 Mai 1863; Hedwigia post Mai 1863 "nur in 100 Exemplaren . . . nicht im Buchhandel . . . "), p. [i]-x, [1]-135. *Copies*: G, NY, USDA.
Ed. 2: see below *Ser. imperf. pl. aragon.*; ed 3: see *Trat. pl. Aragon.*
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Ref.: Fournier, É., Bull. Soc. bot. France 10: 169-170. Oct. 1863.
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Co-author: Josepho Pardo y Sastrón (1822-1909).
Publ.: Aug-Dec 1867 (p. x: Jul 1867), p. [i]-x, [1]-543. *Copies*: G, NY, USDA. – Imprint on cover: Alcañiz (imprenta de Ulpiano Huerta, . . .) 1867. For extensive details see BL 2: 487. For continuation see below, *Trat. pl. Aragon.*

5013. *Tratado de plantas de Aragon* por Don Francisco Loscos. Tercera edicion. Edicion del Semanario farmacéutico. Madrid (Establecimiento tipográfico del hospicio) 1876-1877. Qu. (*Trat. pl. Aragon*).
Parte [1]: 1877 (p. 71: 20 Nov 1876), p. [1]-90, [1, h.t.] [i]-ii, [5]-12, [1]-71, [1-6]. *Copy*: G. – The "tercera edicion" refers to the above mentioned *Ser. inconf. pl. aragon.*
Parte segunda: Aug-Dec 1880 (p. 248: 18 Jul 1880; Bot. Centralbl. 21-25 Feb 1881; Nat. Nov. Aug(1) 1881; Bot. Zeit. 39: 279. 29 Apr 1881), p. [i]-x, [1]-249, [1, add.], [1, err.], [1, cont.]. *Copy*: *G*. – Includes suppl. 1-4.
A further part 3 (55p., 1881?) and supplements 5-8 (107 p., 1883-1886) are mentioned by BL 2: 487, but were seen neither by him nor by us.

Lotsy, Johannes Paulus (1867-1931), Dutch botanist at Leiden, moving spirit behind the "Association internationale des botanistes;" Dr. phil. Göttingen 1890; lecturer at Johns Hopkins Univ. 1895; in Java 1895-1900; from 1904-1909 lecturer, from 1906-1909 director of the Rijksherbarium at Leiden; from 1909 working privately at Haarlem and Velp. (*Lotsy*).

HERBARIUM and TYPES: Material at BO, GOET, GRD, L, MO.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 297; Backer p. 338; Barnhart 2: 404; BJI 2: 108; BM 3: 1182, 7: 749; Bossert p. 243; CSP 16: 878; DSB 8: 512-513; GR p. 707; Hortus 3: 1198 ("Lotsy"); IH 2: 462; JW 1: 446, 452, 2: 196, 3: 361 (q.v. for refs. to various biogr. notices);

Kelly p. 133; Kew 3: 503-504; LS 15913, 36233; Moebius p. 61, 453; Nordstedt suppl. p. 10911; Plesch p. 317; Rehder 5: 523; SK 1: 330-331, 5: ccxcvii, 8: lxii; SO 2911; Tucker 1: 442.
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COMPOSITE WORKS: The *Association internationale des botanistes*, under the guidance of Lotsy, was founded in 1901. The *Botanisches Centralblatt* was accepted as the "Referirendes Organ der Association" (vols. 89-142, 1902-1919). Lotsy also published *Progressus rei botanicae* (1-5, 1907-1917, IDC 7342) for the Association as well as a volume *Résultats scientifiques du Congrès international de Botanique*, Vienne, 1905. The "Association" and the "International Committee for Botanical Nomenclature" (which functioned well from 1905 onward) were forerunners of the Botany Section of the later (1923) *International Union of Biological Sciences*, and more specifically of the present *International Association of Plant Taxonomy*. Lotsy founded and edited *Genetica* (vol. 1-3, 1919-1921, co-editor 4-12) as well as *Bibliographia genetica* (1924) and *Resumptio genetica*.

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5014. *Beiträge zur Biologie der Flechtenflora des Hainbergs* bei Göttingen. Inaugural-Dissertation zur Erlangung der philosophischen Doctorwürde an der Georg-Augusts-Universität zu Göttingen ... Göttingen (Druck von Louis Hofer) 1890. Oct. (*Beitr. Flechtenfl. Hainbergs*).
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5017. *De Kruisingstheorie* eene nieuwe theorie over het ontstaan der soorten. Rede den 26sten Maart 1914, op uitnodiging van de "Société Botanique de France", te Parijs gehouden. Leiden (A. W. Sijthoff's Uitgevers-Maatschappij) s.d. [1914]. Oct. (*Kruisingstheorie*).
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5018. *Het tegenwoordige standpunt der evolutie-leer.* 's Gravenhage [The Hague] (Martinus Nijhoff) 1915. Oct. (*Evolutie-leer*).
Publ.: 1915 (p.viii: 2 Jul 1915), p.[i]-viii, [1]-121. *Copy*: J. L. Lever.

5019. *Evolution by means of hybridization* ... The Hague (Martinus Nijhoff) 1916. Oct. (*Evolution*).
Publ.: 1916, p. [i]-viii, [1]-166. *Copy*: FI. – Inf. C. Steinberg.

5020. *Over Oenothera Lamarckiana* als type van een nieuwe groep van organismen, die der kernchimeren, benevens beschouwingen over de waarde der gene-hypothese in de erfelijkheids- en evolutieleer. 's Gravenhage [The Hague] (Martinus Nijhoff) 1917. Oct. (*Oenothera Lamarckiana*).
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5021. Het *evolutie-vraagstuk.* 's Gravenhage (The Hague) (Martinus Nijhoff) 1921. Oct. (*Evolutie-vraagstuk*)
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5022. *Evolution im Lichte der Bastardierung* betrachtet. Haag [The Hague] (Martinus Nijhoff) 1926. Oct. (*Evol. Bastard.*).
Publ.: 1926. German translation by H. N. Kooiman of Lotsy's Evolution by means of hybridization, a series of lectures given in 1925 in New Zealand. Reprinted from Genetica 7:[i, iii, v] [365]-470. *Copy*: J. L. Lever.

Loudon, Jane Wells (née **Webb**) (1807-1858), British botanist and horticulturist; married (1830) John Claudius Loudon. (*J. W. Loud.*).

HERBARIUM and TYPES: Unknown.

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Fletcher, H. H., Story R. Hort. Soc. 57, 134-135. 1969.
Gloag, J., Mr. Loudon's England 18, 40, 60, 61-69, 182-219, 220. 1970.
Hadfield, M., Pioneers in gardening 161-170. 1951.

Howe, Bea, Lady with green fingers. The life of Jane Loudon, London 184 p. 1961 (portr., biogr.).
Taylor, G., Some nineteenth century gardeners 17-67. 1951.

HANDWRITING: Candollea 31: 348. 1976.

NOTE: Published anonymously *Young Lady's book of botany* (1838). See NI and PR for futher "Ladies' flower books." Jane Loudon also edited a later edition of her husband's *Hortus britannicus* (1850).

5023. *The ladies' flower-garden* of ornamental annuals . . . London (William Smith, . . .) 1840. Qu. (*Ladies'flower-gard.*)
Ed 1,1: 1840 (p. viii: 21 Feb 1840), p. [i]-xvi, [i*]-vi*, 1-272, *pl. 1-48* (col.); *2*: 1844, p. [1]-x [1]-170, *pl. 47-85, 87-96. Copy*: US.– Vol. 1 was reissued in 1843 and 1849 (our data are incomplete).

5024. *Botany for ladies*; or a popular introduction to the natural system of plants, according to the classification of de Candolle . . . London (John Murray, . . .) 1842. Oct. (*Bot. Ladies*). *Publ.*: 1842, p. [i]-ixvi, [1]-493. *Copies*: G, NY.

Loudon, John Claudius (1783-1843), British gardener, horticultural writer and botanist at Bayswater nr. London. (*Loud.*).

HERBARIUM and TYPES: Unknown.

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EPONYMY: *Loudonia* J. Lindley (1840).

5025. *An encyclopaedia of gardening*; comprising the theory and practice of horticulture, floriculture, arboriculture, and landscape-gardening, including all the latest improvements; a general history of gardening in all countries; and a statistical view of its present state, with suggestions for its future progress, in the British Isles ... London (printed for Longman, Hurst, Rees, Orme, and Brown, ...) 1822. Oct. (*Encycl. gard.*)
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Ed. 3: 1825, p. [i]-xii, [1]-1233. *Copy*: NY. – 757 figs. (id.)
Ed. 4: 1826, p. [i]-xii, [1]-1233. *Copies*: BR, NY. – 757 figs. (id.).
Ed. 5: 1827, p. [i]-xii, [1]-1233. *Copy*: USDA. – 756 figs. (id.)
Ed. [6]: 1830 (t.p. undated p. iv: 18 Jan), p. [i]-xii, [1]-1233. *Copy*: NY.– 757 figs. (id.)
Ed. [7]: 1834 (t.p. undated; p. vi: 28 Oct 1834), p. [i]-xl, [1]-1270, [1, err.]. *Copy*: "A new edition, considerately improved and enlarged." London (id.) s.d.– 981 figs. (id.)
Ed. [8] : 1850 (p. vii: 12 Mar 1850), p. [i]-xl, [1]-1278. *Copies*: NY, USDA. – A new edition, corrected and improved, by Mrs. Loudon [Jane Wells Loudon, 1807 -1858], 1020 figs.
New edition: 1878, p. [i]-xl, [1]-1278. *Copy*: USDA. – 1020 figs. London (Longmans, Green and Co.) 1878. Oct.
German: 1823-1826. *Copy*: NY.– "Eine Encyclopädie des Gartenwesens; enthaltend die Theorie und Praxis des Gemüsebaues, der Blumenzucht, Baumzucht und der Landschaftsgartnerei; mit Inbegriff der neuesten Entdeckungen und Verbesserungen ... aus dem Englischen ... Weimar (im Verlage des Gr. Herzogl. Sächs. privil. Landes-Industrie-Comptoirs) 1823-1826, 2 vols.
1: "1823 u. 1824" (but p. iv: Jan 1826), p. [i]-xvii, [i]-1048.
2: "1825 u. 1826", p. [i]-viii, [1049]-1688.
Atlas: "1823", *pl. 1-57*, uncol. liths.

5026. *An encyclopaedia of plants*: comprising the description, specific character, culture, history, application in the arts, and every other desirable particular respecting all the plants indigenous, cultivated in, or introduced to Britain: combining all the advantages of a Linnean and Jussieuean species plantarum, an historia plantarum, a grammar of botany, and a dictionary of botany and vegetable culture. The whole in English; with the synonymes of the commoner plants in the different European and other languages; the scientific names accentuated, their etymologies explained; the classes, orders, and botanical terms illustrated by engravings; and with figures of nearly ten thousand species, exemplifying several individuals belonging to every genus included in the work. Edited by J. C. Loudon, ... the specific characters by an eminent botanist; the drawings by J. C. D. Sowerby, ... and the engravings by R. Bromston. London (printed for Longman, Rees, Orme, Brown, and Green, ...) 1829. Oct. (*Encycl. pl.*)
Ed. 1: 1829 (p. iv: Mai 1829), p. [i]-xx, [1]-2, 1-1159. *Copies*: BR, G, L, MO(2), NY, U, US, USDA.
Ed. 1, reissue: 1836 (p. iv: Mai 1836), p. [i]-xx, [1]-2, 1-1159. *Copies*: MICH, US.
First additional supplement: 1840 p. [i*], [i]-iv, [1143]-1329. *Copies*: MICH, NY. – "First additional supplement to Loudon's Encyclopaedia of plants; ... between the first publication of the work in 1829, and January 1840; with a new general index to the whole work ..." London (id.) 1841. Oct.
Ed. [2]: 1841 (p. iv: Jan 1841), p. [i]-xxii, [1]-2, 1-1329. *Copies*: BR, G, MO. – "... with figures of nearly ten thousand species; and supplements bringing down the work to the year 1840 ... the engravings by R. and R. E. Branston." London (id.) 1841. Oct.
New edition: Jul 1855 (p. iv: Apr 1855; Hooker J. Bot. Jul 1855), p. [i]-xxii, [1]-2, 1-1574. *Copies*: B, NY, USDA. – "Loudon's Encyclopaedia of plants; ... new edition, corrected to the present time. Edited by Mrs. Loudon; assisted by George Don, ... ; and David Wooster ..." London (Longman, Brown, Green, and Longmans) 1855. Oct. – Additional material also as "second additional supplement" 1855.

New impression: 1866 (p. iv: Apr 1855), p. [i]-xxii, [1]-2, 1-1574. *Copies*: MICH, NY, U, USDA. – London (Longmans, Green, and Co.) 1866. Oct.

Idem: 1872, p. [i]-xxii, [1]-1574. *Copy*: MICH.

German: 1836-1855, 2 vols., published in parts. *Copy*: NY. (vol. 2 only), "J. C. Loudon's *Encyclopädie der Pflanzen*. Enthaltend die Beschreibung aller bis jetzt bekannten Pflanzen, welche durch mehr als 20.000 Abbildungen erläutert werden. Frei nach dem Englischen bearbeitet von Dr. David Dietrich [1799-1888]. Jena (August Schmid) 1836-1839 [-1855]. Fol.

1: n.v., 1836-1839.

2: 1839-1855, in 22 parts, p. [i], [1]-756, [1]-8, *pl. 121-201* and extra plates are cited below (analysis NY *copy*: incomplete).

Lief.	Pages	plates	dates on cover
1	[i], [1]-21, 21^1-21^6, [22]	*121-125*	1839
2	65-128	*126-128*	1840
3	129-160	*29, 130-135*	1841
4	161-192	*30, 136-142*	1841
5	193-224	*33, 102, 108b, 118, 143-146*	1841
6	225-248	*34, 147-153*	1841
7	249-280	*31, 35, 154-157*	1844
8	281-312	*36, 101, 158-161*	1845
9	313-344	*37['36'], 162-165*	1845
10	345-372	*37, 166-170*	1845
11	373-404	*32, 171-175*	1847
12	405-436	*176-180*	1847
13	437-468	*38, 181-186*	1847
14	469-500	*39, 187-191*	1852
15	501-532	*40, 192-196*	1852
16	533-556	*41, 197-201*	1854
17	557-612	*42, 64b, 64c, 48b*	1853(?)
18	613-644	*43, 53b, 54c, 59b, 59c, 63b*	1854
19	645-676	*44, 54b, 54d, 67a, 68b, 74b*	1854
20	677-696	*69b, 70b, 70c, 70d, 71b, 72c*	1855
21	697-728	*44, 72b, 72c, 73b, 89b, 89c*	1855
22	729-756, [1]-8	*4b, 1b, 89d, 108b, 111b, 113b*	1855

5027. Loudon's *Hortus britannicus*. A catalogue of all the plants indigenous, cultivated in, or introduced to Britain. Part I. The Linnean arrangement, in which nearly 30.000 species are enumerated: with the systematic name and authority, accentuation, derivation of generic names, literal english of specific names, synonymes systematic and english of both genera and species, habit, habitation in the garden, indigenous habitation, popular character, height, time of flowering, colour of the flower, mode of propagation, soil, native country, year of introduction, and reference to figures: preceded by an introduction to the Linnean system. Part II. The Jussieuean arrangement, of nearly 4.000 genera, with an introduction to the natural system, and a general description and history of each order ... London (Printed for Longman, Rees, Orme, Brown, and Green, ...) 1830. Oct. (*Hort. brit.*)

Ed. 1: 1830 (p. iv: Mai 1830), p. [i]-xxiv, [1]-576. *Copies*: MO, NY, USDA.

Ed. 2: 1832 (p. iv: Aug 1832), p. [i]-xxiv, [1]-602. *Copies*: G, NY. – "Second edition, with additional supplement." Edited by J. C. Loudon. ... "London (printed for Longman, Rees, Orme, Brown, Green, & Longman, ...) s.d. Oct.

The "first additional supplement" occupies p. 579-602.

New Edition [3]: 1839 (see suppl.), p. [i]-xxiv, [1]-545, 575-742 (p. 545/575 on same p.). *Copies*: MO, NY(2); IDC 5563. – "A new edition, with supplements including all the new plants down to March, 1839, and with a new general index to the whole work ... London (printed for Longman, Orme, Brown, Green and Longmans) s.d. Oct.

Contains the first additional supplement (of 1832) on p. [579]-602, and the second supplement, prepared by William Hart Baxter (1816-1890) and revised by George Don (1798-1856).

Supplement: 1850, see below *Suppl. Hort. brit.*

5028. *Arboretum et fruticetum britannicum*; or, the trees and shrubs of Britain, native and foreign, hardy and half-hardy, pictorially and botanically delineated, and scientifically and popularly described; with their propagation, culture, management, and uses in the arts, in useful and ornamental plantations, and in landscape-gardening; preceded by a historical and geographical outline of the trees and shrubs of temperate climates throughout the world . . . London (printed for the author and sold by Longman, Orme, Brown, Green, and Longmans; the partially coloured and coloured copies, by James Ridgway and sons.) [1835-]1838, 8 vols. Oct. (*Arbor. frutic. brit.*).

Publ.: According to a statement in the Allgemeine Gartenzeitung (7: 39. 1839), probably inspired by Loudon himself, the eight volumes were published together on 1 Jul 1838. Actually the book came out in 68 parts from Jan 1835-Jul 1838. The drawings are by R. Branston. *Copies*: MO, NY, U, US, USDA.

1: p. [i]-xvi, "[xvii]"-"[xxxii]",* xiii-*xiv, xvii-ccxxx, [1]-494, *figs. 1-163.*
2: p. [i]-x, [495]-1256, *figs. 164-1086.*
3: p. [i]-vi, [1257]-2030, *figs. 1087-1950.*
4: p. [i]-viii, [2031]-2694, *figs. 1951-2546.*
5: p. [i]-viii, *pl. 1-8, 8a*["*15a*"], *9, 9a, 10-12, 12a, 13, 15, 18-20, 20*[*a*], *21-27, 27a, 28, 30-31, 31a, 32, 32a, 33, 33a*["*330*"], *34-38, 38a, 39, 39a, 40, 40a, 41-44, 46, 48, 48*[*a*], *49-52, 52b, 53-55, 55a, 56-59, 59a, 59b, 60, 60b, 61-62, 62a, 62b, 62c, 63, 63a, 64-68, 70, 70a, 71**, *71a, 72-73, 73a, 74-75, 75a, 76, 76a, 77b, 78, 78*[*a*], *78b, 79-80, 82, 82a, 82b, 83-84*, uncol. liths.
6: p. [i]-viii, *pl. 85-88, 90-91, 93-95, 95a, 96-97, 97a, 98-99, 101-102, 102a, 103-106, 106a, 108, 108a, 108b, 109, 109*[*a*], *110-113, 115, 115b, 116, 116a, 117, 117a, 117b, 117c, 117d, 117d, 117e, 118, 118**, *118a-118f, 119-120, 121a, 122a, 122a*(!), *122b, 122c, 123-127, 129. 130*["*129*"], *130*[*a*], *131-132, 132a, 133, 134, 137, 137d, 138-139, 139*[*a*], *139a, 142-143, 143*[*a*], *145-146, 146*[*a*] *147*["*148*"], *148, 149a, 150-152, 152a, 153-155, 155a, 155b, 156a, 156a*[*a*], *156b, 157-159, 161, 162, 162a, 163, 165*["*65*"], *166-167, 167a*, uncol. liths.
7: p. [i]-viii, *pl. 169-172, 172a, 173, 174a, 175, 178, 180-181, 181a, 182, 182a, 183, 184, 184a, 184a*[*], *185, 185**, *185a, 186-187, 187a, 188, 188a, 189, 189a, 190-191, 191a, 191b, 192a, 193-195, 195a, 196-197, 197a, 198-200, 205-209, 209a, 214-215, 217-219, 219*[*a*], *220-221, 221*[*a*], *222, 222*[*a*], *222a, 224, 224*[*a*], *225-227, 229, 231-235, 237, 239*["*230*"], *241, 243-244, 244a, 245-246, 246a, 247-250, 252-253*, uncol. liths.
8: p. [i]-viii, *pl. 254-255, 255*[*a*], *256-260, 262, 262*[*a*], *263, 265-273, 273a, 274, 274a, 275-278, 278b, 278c, 279-280, 280a, 280***, *281, 281**, *281a, 282, 282a, 282b, 283, 283a, 284-287, 287*[*a*], *288, 288*[*a*], *289, 289a, 289a*[*], *290-292, 292a, 293, 293a, 293b, 294-295, 295a, 297, 297a, 298, 300-303, 306-308, 312, 312a, 313, 313a, 314-316, 316a, 319, 321, 325, 326, 326a, 327, 329, 331, 332, 332a, 332b, 333-335, 335a, 335b, 336-338, 338a, 339-340, 344, 344a, 346-352*, [*1*]-*6* = index, uncol. liths.

The analysis of the contents of vols. 5-8, given above, is that of the USDA copy. Other copies may show deviations in presence and absence of plates

Second edition: 1844 (pref. p. iii of vol. 1: Mar 1844), 8 vols.; almost identical with original issue. *Copies*: US, USDA.

Abridged ed.: see below *Encycl. trees shrubs* (1842).

Reissued: 1853? (see Bot. Zeit. 16 Dec 1853), n.v.

5029. *Hortus lignosus londinensis*; or, a catalogue of all the ligneous plants, indigenous and foreign, hardy and half-hardy, cultivated in the gardens and grounds in the neighbourhood of London; with all their synonymes, scientific and popular, including their french, german, and italian names; and with their native country, habit, habitation in the garden, etc. To which are added the prices of hardy trees and shrubs in the principal nurseries of London and Edinburgh, and at Bollwyller in France, and in Hamburg . . . London (printed for the author; and sold by Longman, Orme, Brown, Green, and Longmans, . . .) 1838. Qu. (*Hort. lign. londin.*).

Publ.: 1 Sep 1838 (TL-1), p. [i-iii], [1]-174. *Copies*: MO, NY.

5030. *The suburban gardener*, and villa companion: comprising the choice of a suburban or villa residence, or of a situation on which to form one; the arrangement and furnishing of the house; and the laying out, planting, and general management of the garden and grounds; the whole adapted for grounds from one perch to fifty acres and upwards in extent; and

intended for the instruction of those who know little of gardening and rural affairs, and more particularly for the use of ladies ... London (printed for the author; and sold by Longman, Orme, Brown, Green and Longmans, ...) Edinburgh (W. Black) 1838. Oct. (*Suburb. gard.*).
Ed. [*1*]: 1838 (p. iii: 15 Jul 1838), p. [i]-xvi, [1]-752. *Copy*: U.
Ed. 2: 1850, xii, 516 p. *Copy*: MO. – "The villa gardener ..."

5031. *The Derby arboretum*; containing a catalogue of the trees and shrubs included in it; a description of the grounds, and directions for their management; a copy of the address delivered when it was presented to the town council of Derby by its founder Joseph Stratt, Esq. and an account of ceremonies which took place when it was opened to the public, on September 16. 1840. By J. C. Loudon, ... London (Longman, Orme, Brown, Green, and Longmans, ...) 1840. Oct. (*Derby arbor.*)
Publ.: 1840, frontisp., p. [1]-97. *Copies*: MO, NY, USDA.

5032. *An encyclopaedia of trees and shrubs*; being the Arboretum and fruticetum britannicum abridged: containing the hardy trees and shrubs of Britain native and foreign, scientifically and popularly described; with their propagation, culture, and uses in the arts; and with engravings of nearly all the species. Abridged from the large edition in eight volumes, and adapted for the use of nurserymen, gardeners, and foresters ... London (printed for the author; and sold by Longman, Brown, Green, and Longmans) 1842. Oct. (*Encycl. trees shrubs*).
Publ.: 1842 (p. [iii]: Apr 1842), p. [i]-lxxi, [lxxii], [1]-1162. *Copies*: BR, G, L, M, NY.
Re-issue: s.d., p. [i]-lxxi, [lxxii], [1]-1162. *Copy*: Teyler. – London (Frederick Warne and Co., ...) New York (Scribner, Welford, and Co.). Oct.
Reissue: 1883, p. [i]-lxxi, [1]-1162. *Copy*: US. – "*Trees and shrubs*; an abridgment of the Arboretum et fruticetum britannicum; containing ... London (Frederick Warne & Co., ...) 1883.Oct.

5033. *Supplement to Loudon's Hortus britannicus*: including all the plants introduced into Britain, all the newly discovered British species, and all the kinds originated in British gardens. Up to March, 1850; with a new general index to the whole work, including the supplement. Prepared by W. H. Baxter, assisted by D. Wooster, under the direction of Mrs. Loudon. London (Longmann, Brown, Green, and Longmans) 1850. Oct. (*Suppl. Hort. brit.*).
Authors: William Hart Baxter (1816-1890), David Wooster (1824?-1888).
Publ.: 1850 (p. v: 18 Jun 1850), p. [i-vii], 473-735. *Copies*: BR, G, NY, USDA.

Louis-Marie, Père (Louis Lalonde) (1896-1978), French-Canadian botanist; entered Trappist order at Oka 1917; Ph. D. Harvard 1928; at the Institut agricole, Oka from 1923-1962. (*Louis-Marie*).

HERBARIUM and TYPES: QFA ("Herbier Louis-Marie" formerly LT at Oka), QK.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 337; BL 1: 143, 306; Bossert p. 243; IH 1 (ed. 6): 224, 2: 406; NAF ser. 2. 6: 69.
Boivin, B., Louis Marie, O.C.S.O. 1896-1978, mss. notes submitted 1978 (b. 17 Oct 1896, d. 3 Nov 1978), Provancheria 10: 170. 1980 (herb.).
Rumilly, R., Le frère Marie-Victorin et son temps 143, 169, 176, 192, 196, 374. 1949.

COMPOSITE WORKS: *Editor*: *Revue d'Oka*, agronomie, médecine, vétérinaire de l'Institut agricole, 1926-1957, and *Contributions de l'Institut d'Oka* (14 nos.).

EPONYMY (journal): *Ludoviciana*. Contribution de l'Herbier Louis-Marie, Faculté d'Agriculture de l'Université Laval. Quebec. No. 1-x. 1966-x.

5034. Sciences naturelles II. *Flore-manuel de la province de Québec* par le père Louis-Marie, o.c., ... illustrée de plus de 2100 dessins par Marcel Makhes ... Contribution no. 23 Institut agricole d'Oka 1931. (*Fl.-man. Québec*).
Ed. 1: Jul-Dec 1931 (p. 3: 19 Jun 1931; MO copy rd. 10 Feb 1932), p. [2]-319, [320], *pl. 1-90*

(in text). *Copies*: BR, MO, NY, QFA, US. – Total number of copies printed: 20.000 (editions "scolaire," "de prix", "de luxe").
Ed. 2: 1953, p. [5]-323, *pl. 1-90* (in text.). *Copies*: HU, QFA, USDA. – Flore-manuel de la province de Québec Canada – deuxième édition 40me mille Institut agricole d'Oka 1953. – Inf. B. Boivin.
Ed. 3: 1959 (Taxon 14 Jan 1960; Revue d'Oka 33: 116. 1959), p. [1]-321, [322], *pl. 1-90* (in text). *Copies*: BR, G, MO.

Lounsberry, Alice (1872-1949), American dendrologist at New York. (*Lounsb.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 404; NAF 28B(2): 443; Rehder 5: 524; Tucker 1: 443.
Anon., Bull. Torrey bot. Club 77: 143. 1950.
Ewan, J., Southw. Louisiana J. 7: 36. 1967.

5035. *A guide to the wild flowers* ... with sixty-four coloured and one hundred black-and-white plates and fifty-four diagrams by Mrs. Ellis Rowan with an introduction by Dr. N. L. Britton ... New York (Frederick A. Stokes Company publishers) s.d. [1899]. (*Guide wild fl.*).
Artist: Marian Ellis Rowan (née Ryan) (1858-?); *Intr.*: Nathaniel Lord Britton (1859-1934).
Ed. [*1*]: Mar-Apr 1899 (p. xvii: 20 Feb 1899); Bot. Centralbl. 31 Mai 1899), p. [i]-xvii, [1]-347, *pl. 1-164* (64 col.). *Copies*: MICH, MO, NY.
Ed. 2: n.v.
Ed. 3: s.d., p. [i*], [i]-xvii, [1]-347, *pl. 1-164* (*id.*). *Copy*: NY.

5036. *A guide to the trees* by Alice Lounsberry ... with sixty-four coloured and one hundred and sixty-four black-and-white plates and fifty-five diagrams by Mrs. Ellis Rowan ... with an introduction by Dr. N. L. Britton ... New York (Frederick A. Stokes Company publishers) s.d. [1900]. (*Guide trees*).
Artist: Marian Ellis Rowan (née Ryan) (1858-?); *Intr*: Nathaniel Lord Britton' (1859-1934).
Publ.: Apr-Jun 1900 (p. xx: 5 Mar 1900; Bot. Centralbl. 11 Jul 1900; Nat. Nov. Jul(2) 1900), p. [i]-xx, [1]-313, *pl. 1-164* (partly col.). *Copy*: USDA. – Bot. Zeit. 16 Sep 1900 mentions a London issue.

5037. *Southern wild flowers and trees* together with shrubs, vines and various forms of growth found through the mountains, the middle district and the low country of the South by Alice Lounsberry ... with sixteen coloured and one hundred and sixty-one black-and-white plates and eighty-eight vignettes and diagrams by Mrs. Ellis Rowan ... with an introduction by Chauncey D. Beadle ... New York (Frederick A. Stokes Company publishers) s.d. [1901]. (*South. wild fl.*).
Introductions: Chauncey Delos Beadle (1866-?). *Artist*: Marian Ellis Rowan (née Ryan) (1858-?).
Publ.: Sep 1901 (p. [iv]), p. [i]-xxxi, [1]-570, *pl. 1-177*, in part h.t. (16 col.). *Copies*: NY, US.

Loureiro, João de (1717-1791), Portuguese missionary and naturalist in Moçambique, Goa, and Cochinchina. (*Lour.*).

HERBARIUM and TYPES: Only partly preserved. The main collection which is still in good order is at BM; a small set is also at P (IDC 6212). The plants that remained at Lisbon seem to have been destroyed (fide de Candolle). Some of Loureiro's plants are also at LINN. A mss. *Nova genera plantarum* is at BM (Dryander 3: 35; BM 3: 1183).

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 11; Backer p. 338; Barnhart 2: 405; BM 3: 1183; Bret. p. 116; CSP 4: 91; Dawson p. 556, 944, suppl. 2: 84-85; Dryander 3: 182, 635, 5: 93, 95, 338; Frank 3(Anh.): 61; GR p. 766-767, cat. p. 67; Hortus 3: 1198 ("Lour."); IF p. 715; IH 1(ed. 6): 361, 2: 463; Jackson p. 383; Kew 3: 506; Lasègue p. 574; LS 15920; MW p. 285; PR 5637 (ed. 1: 6302); Rehder 5: 524; RS p. 116; SBC p. 126 ("Lour."); SO add. 737a; ST p. 72; TL-1/786; TL-2/1: 350; Tucker 1: 443; Zander ed. 10, p. 687 (1710-1796!), ed. 11, p. 783.
Amaral Franco, Anuar. Soc. Broter. 34: 11-17. 1968.

Anon., Flora 43: 207-208. 1860 (loss herb.); Goett. gel. Anz. 1792: 1249, 1502, 1757. 1792 (rev. *Fl. cochinch.*); Grande Enciclop. Portug. Brasil. 15: 492-493. s.d.; Med.-Chir. Zeit., Salzburg 1793(2): 115-121 (rev. Fl. cochinch.).
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Coats, A. M., Plant hunters 203. 1969.
Exell, A. W. & G. A. Hayes, Kirkia 6: 96. 1967 (mentioned as collector in the Flora zambesiaca region (Mozambique 1781-1782) with coll. at LISU and P).
Gagnepain, F., *in* Lecomte, H., Fl. gén. Indochine, tome prél. 44. 1944.
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Gomes e Sousa, A. de F., Explor. Natural. fl. Moçambique, Document. trim. nos. 57, 58. 1949.
J., Dict. sci. méd., Biogr. méd. 6: 120-121. 1824.
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Jussieu, A. L., Ann. Mus. Hist. nat., Paris, 11: 74-76, 231-236, 327-328. 1808 (on some of L's genera).
Keefe, Biologist 48: 53. 1966.
Lacroix, A., Figures des savants 4: 146. 1938.
Merrill, E. D., Proc. Amer. philos. Soc. 72: 229-239. 1933; Trans. Amer. philos. Soc. ser. 2. 24: 1-445. 1935 (bibl., also extensive commentary on Fl. cochinch.); Loureiro e a sua obra botânica tradução de Paulo-Emilio Cavique Santos. Lisboa 1935, 15 p. (reprinted from Agros, ser. 2. no. 4; translated from Proc. Amer. philos. Soc. 72: 229-239. 1933); Chron. bot. 14: 210, 343. 1954.
Moldenke, H. N., Plant Life 2: 70. 1946 (1948) (epon.).
Moore, S., J. Bot. 63: 245-256, 281-291. 1925 (identif. L. specimens at BM).
Murray, G., Hist. coll. BM(NH) 1: 27 (autogr. mss.), 41 (new genera, Banksian mss. 93B), 165 (plants through Riddel and Banks).1904.
Poiret, J. L. N., Encycl. méth., Bot. 8: 736-737. 1808.
Sayre, G., Bryologist 80: 513. 1977 (mosses at BM-Banks?).
Schott, H. W., Bonplandia 5: 122-129. 1857 (on *Lasia* Lour.).
Stafleu, F. A., Linnaeus and the Linnaeans 233. 1971.
Wilson, E. H., Plant hunting 2: 104. 1927.

MAIN COMMENTARY: Merrill, E. D., Trans. Amer. philos. Soc. ser. 2. 24(2): 1-445. Jun 1935: A commentary on Loureiro's "Flora Cochinchinensis" (see TL-2/Merrill and e.g. L. Diels, Bot. Jahrb. 68(Lit.): 24-25. 1936).

NOTE: Amaral Franco (1968) showed conclusively that Loureiro was baptized on 8 Sep 1717 and hence born in that same year, and that he died in Lisbon on 18 Oct 1791.

EPONYMY: *Loureira* Raeuschel (1797); *Loureira* Meisner (1837).

5038. *Flora cochinchinensis*: sistens plantas in regno Cochinchina nascentes. Quibus accedunt aliae observatae in Sinensi Imperio, Africa orientali, Indiaeque locis variis. Omnes dispositae secundum systema sexuale linnaeanum. Labore, ac studio Joannis de Loureiro ... Ulyssipone [Lisboa] (Typis, et expensis academicis) 1790, 2vols. Qu. (*Fl. cochinch.*).
Ed. 1: Sep 1790 (fide Loureiro in letter to Banks dated 22 Apr 1791; BM-Bloomsbury, Add. Mss. 8097-412 "H'a mezes q'elle [Acad. Lisb.] publicou a minha Flora Cochinchinense contra a minha vontade expressa").
1: [i*], [i]-xx, [1]-353.
2: [1, 355], 357-744, [745, err.].
Copies: MO, NY, U, USDA; IDC 6525.
Ed. 2: 1793. *Copies*: FI, MO, NY, US, USDA; IDC 566 – "... denuo in Germania edita cum notis Caroli Ludovici Willdenow ... Berolini" (Impensis Haude et Spener) 1793. 2 vols. Oct.
Edited by Carl Ludwig Willdenow (1765-1812).
1: [i]-xxiv, [1]-432.
2: [i], 433-882, [1-2, err.].

Lousley, Job Edward (1907-1976), British botanist; employee of Barclays Bank. (*Lousley*).

HERBARIUM and TYPES: RNG; for duplicates see IH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 405; BL 2: 684; Clokie p. 203; Desmond p. 395; IH 2: 462.
Anon., Taxon 21: 523. 1972 (on his Flora of the Isles of Scilly; 25: 224. 1976; D. McClintock, The Times 9 Jan 1976 (obit., b. 18 Sep 1907, d. 6 Jan 1976); B. S. B. I. News 24: 13. 1980.
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Lovén, Fredrik August (1847-1929), Swedish botanist; Dr. phil. Lund 1874; with the Skogsinstitut (wood and forestry) 1875-1802, at Uddeholmsverken 1884-1908. (*Lovén*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 406; Jackson p. 166; KR p. 468; Rehder 4: 458, 481.
Bn., F. A., Svensk Uppslagsbok 18: 667. 1951.

5039. *Om parasitsvamparna* och deras inflytande på skogskulturen. Akademisk afhandling, som för erhållande af filosofisk doktorsgrad vid Universitetet i Lund med vederbörligt tillstånd till offentlig granskning framställes . . . å botaniska auditoriet torsdagen den 28 maj 1874 kl. g.f.m. Lund (Fr. Berlings Boktryckeri och stilgjuteri) 1874. Oct. (*Parasitsvamparna*). *Publ.*: 28 Mai 1874, p. [i], [1]-57, *pl. 1-3* (uncol.). *Copy*: FH.
Trade issue: 1874, p. [i], [1]-57, *pl. 1-3* (id.). *Copy*: FH – "Om parasitsvamparna och deras inflytande på skogskulturen." Lund (id.) 1874. – Both issues preprinted (fide KR) from Skogsvaktaren 4: 102-107, *3 pl.* 1894, 5: 79-94, 129-160, 193-209. 1895.

Lowe, Charles William (1885-1969), British-born botanist; M. Sc. Birmingham 1915; settled in Canada; lecturer at the University of Manitoba until 1931, professor until 1950, from then on in Victoria, Canada (*C. Lowe*).

HERBARIUM and TYPES: WIN; duplicates at DAO, NY; Victorian material at V.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 406; BL 1: 130, 306; BM 7: 751; IH 2: 464; NAF ser. 2. 6: 69; Pennell p. 612.
Anon., Amer. men. sci. ed. 4. 600. 1927, ed. 5. 691. 1933, ed. 6. 874. 1938. (b. 2 Jan 1885).
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Löve, A., in lit. 15 Nov 1979.

NOTE: C. W. Lowe, *List of the flowering plants, ferns, club mosses, mosses and liverworts of Manitoba*, published by the Natural History Society of Manitoba, November, 1943 (*copy*: B. Boivin) was provided with two supplements:
(1) *Additions and corrections to the check-list of Manitoba plants*, [1943], s.l.n.d., mimeographed, 3p. *Copy*: A. Löve.
(2) Doris Löve, *An incomplete list of additions to Lowe's List of Manitoba plants*, Winnipeg, Manitoba, Dec 1953 mimeographed, 6 p. *Copy*: A. Löve.

Lowe, Edward Joseph (1825-1900), British botanist and meteorologist of independent means at Shirenewton Hall, near Chepstow; "passionately devoted to raising varieties of ferns from spores", prolific author during the Victorian fern craze. (*E. J. Lowe*).

HERBARIUM and TYPES: Unknown. Some material at E.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 406; BB p. 193-194; BM 3: 1184-1185; CSP 4: 95-96, 8: 266, 10: 640, 12: 460, 16: 886-887; Desmond p. 396; IF p. 715, suppl. 4: 329; IH 2: 464; Jackson p. 575; Kew 3: 510; LS 15923; MW p 285-286; NI 1243-1248; Plesch p. 318-319; PH 567; PR 5640-5644; Rehder 5: 524; Sotheby no. 483; Zander ed. 10, p. 687, ed. 11, p. 783.

Allen, D. E., The Victorian fern craze 81[index]. 1969.
Anon., Bot. Not. 1901: 114 (b. 11 Nov 1825); Gard. Chron. 1871: 803. (portr.); 61: 498-499. 1900 (obit., d. 10 Mar 1900); Nat. Nov. 22: 224. 1900 (d.); Proc. Linn. Soc. London 112: 74-75. 1900.
Braunstorff, O. v., Some account of the family of Lowe. Dresden. 1896 (n.v.)
Britten, J., J. Bot. 38: 152. 1900.
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Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 104. 1970 (coll. E).
Kneucker, A., Allg. Bot. Z. 6: 124. 1900 (d.).
Lawrence, G. H. M., Huntia 1: 164. 1964 (letters at HU).
Lovis, J. D., Brit. Fern Gaz. 9(8): 301-308. 1967 (on L's work as a fern hybridiser).
Lowe, E. J., Fern growing/fifty years experience in crossing and cultivation/with a list of the most important varieties and a history of the discovery of multiple parentage. 1895 (on L's own work as a fern hybridizer; autobiogr., portr.).
M.T.M. & W.N.S., Proc. Roy. Soc. London 75: 101-103. 1905.
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5040. *Ferns*: British and exotic ... London (Groombridge and Sons) 1856-1860. Qu. (*Ferns*).
1: 1855-1856 (p. x: 15 Mai 1855, p. [1*], [i]-x, [1]-160, [1, err.], *pl. 1-50*.
2: 1858, p. [i-v], [1]-162, err. slip, *pl. 1-66*.
3: 1857, p. [i-vii], [1]-142, err. slip, *pl. 1-50*, (other NY copy has p. [i, iii], [1]-134, *pl. 1-5*).
4: 1859 (Lit. Gaz. 8 Jan 1859), p. [i-v], [1]-174, err. slip, *pl. 1-64*.
5: 1858, p. [i-v], [1]-168, *pl. 1-56*.
6: 1857, p. [i-v], [1]-136, [1-2], *pl. 1-50*.
7: 1859, p. [i, iii], [1]-183, *pl. 1-66*.
8: 1860, p. [i, iii], [1]-260, [1-2 err.], *pl. 1-77*.
Copies: MO, NY (in part later issues), US; IDC 7214 (re-issue).
Plates: col., drawn by Alexander Francis Lydon (1836-1917), printed by B. Fawcett.
Note: publ. in 120 parts, BM copy stamped 1 Jun 1855-22 Oct 1860. See Desmond (1973).
Re-issues: Groombridge & Sons (except for minor details same collation as above) (see also Desmond 1973):

1: 1861 (NY), 1864	*5*: 1864
2: 1862 (NY), 1864	*6*: 1862 (NY), 1864
3: 1863, 1864	*7*: 1864
4: 1863 (NY), 1864	*8*: 1864

Re-issue: George Bell and Sons, London, vols. 1-8. 1872 (except for minor details collation as above). *Copies*: NY, U, USDA.

5041. *A natural history of british grasses* ... with coloured illustrations. London (Groombridge and Sons, ...) 1857-1858. Qu. (*Nat. hist. brit. grass.*)
Publ.: Apr 1857-1858 (in 19 parts of which the contents are not known to us; BM copy stamped 2 Apr 1875-13 Sep 1858, Desmond 1973), p. [i-vi], [1]-245, *pl. 1-74* (col.; by A. F. Lydon, printed by B. Fawcet). *Copies*: MO, NY.
Reissue: 1862, front., p. [i]-vi], [1]-245, *pl. 1-74* (col.). *Copy*: US.
Reissue: 1868, p. [i]-vi, [1]-245, *pl. 1-74* (col.). *Copy*: USDA.

Other reissues: 1865, 1871 (at HH), 1864, 1891 (Desmond).

5042. *Beautiful leaved plants*; being a desciption of the most beautiful leaved plants in cultivation in this country; to which is added an extended catalogue . . . London (Groombridge and Sons, . . .) 1861. Qu. (*Beaut. leaved pl.*).
Co-author: W. Howard.
Publ.: [1859]-1861 (in 20 parts; BM copy stamped 2 Mar 1859-16 Mai 1861, Desmond 1973), p. [i*-vi*], [i]-ii, [1]-144, *pl. 1-60* (col.; drawn by A. F. Lydon). *Copies*: MO, NY. US.
Re-issues: [1861-]1864, mentioned by PR 5642 and Desmond (1973); other re-issues 1865, 1868, 1872 (*copies*: G, MO), 1891 see Desmond.
French transl.: by J. Rothschild, Paris 1865, *Les plantes à feuillage coloré*, 2 vols., *Copy*: FI, *ed. 2*. With introduction by C. Naudin, 1867-1869, 2 vols. See under Rothschild.

5043. *A natural history of new and rare ferns*: containing species and varieties, none of which are in any of the eight volumes of "Ferns, british and exotic", amongst which are the new Hymenophyllums and Trichomanes . . . London (Groombridge and Sons, . . .) 1862. Qu. (*Nat. hist. ferns*).
Ed. [*1*]: 1860-1862 (p. viii: 27 Mai 1862; in 18 parts, BM copy stamped 8 Aug 1860-4 Aug 1862, see Desmond, 1973), p. [i]-viii, [1]-192, err. slip, *pl. 1-72* (col.; drawn by A. F. Lydon) *Copies*: NY, U, US; IDC 7215.
Re-issue: 1864, p. [i]-viii, [1]-192, *pl. 1-72* (col.). *Copy*: NY.
Re-issue: 1865, p. [i]-viii, [1]-192, *pl. 1-72* (col.). *Copies*: MO, NY.
Re-issue: 1868, p. [i]-viii, [1]-192, *pl. 1-72* (col.). *Copies*: NY; IDC 7215.
Re-issue: 1871, p. [i]-viii, [1]-192, *pl. 1-72* (col.). *Copies*: NY, USDA.

5044. *Our native ferns*; or a history of the british species and their varieties . . . London (Groombridge & Sons, . . .) 1867-1869. Qu. (*Nat. ferns.*)
1: [1865-]1867, p. [i]-vii, [1]-348, *pl. 1*, 1-33, 33*, 33**, 34* (col.).
2: 1869, p. [i]-vii, [1]-492, *pl. 35-76* (col.).
Copies: NY, USDA; IDC 7216. – NI mentions re-issues of 1874-1876 and 1880, Desmond 1883, 1884. – See Desmond (1973) for further details: we apparently failed to locate a copy with 1865 (vol. 1) and 1867 (vol. 2) imprints. A copy of the 1874-1880 re-issue is at FI.

Lowe, Ephraim Noble (1864-1933), American geologist and botanist; director of the State Geological Survey of Mississippi (*E. N. Lowe*).

HERBARIUM and TYPES: MISS; further material UN.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 406 (b. 5 Mai 1864, d. 12 Sep 1933); BL 1: 193, 306; IH 1 (ed. 6): 361, 2: 464; Pennell p. 612.

5045. Mississippi State Geological Survey E. N. Lowe, director. Bulletin no. 17. *Plants of Mississippi* a list of flowering plants and ferns . . . by E. N. Lowe February, 1921. Oct. (*Pl. Mississippi*).
Publ.: Feb 1921, p. [1]-292, [1, err.], [1, geogr. ind.], loose err. slip. *Copies*: PH, US.
Preliminary publ.: Nov 1913, p. [1]-32. *Copy*: PH. – *A brief notice of the floral regions of Mississippi*, Reprint from Bulletin no. 11, Mississippi Geological Survey.

Lowe, Josiah Lincoln (1905-x), American lichenologist and mycologist at Syracuse; Ph. D. Mich. Univ. 1938; assistant botanist Syracuse 1933-1938; Instructor ib. 1938-1944; assistant professor ib. 1944-1947; associate professor 1947-1951; professor of forest botany 1952-1959; research prof. 1959. (*J. Lowe*).

HERBARIUM and TYPES: Material at BPI, C, CFMR, CUP, H, MICH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 406; Bossert p. 244; GR p. 229; IH 2: 464; Kew 3: 511; SBC p. 126; Stevenson p. 1249.
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5046. *The Polyporaceae of New York State* (pileate species) . . . Syracuse, New York (New York State College of Forestry) 1934. (*Polypor. N. Y.*).
Publ.: Aug. 1934, p. [1]-142. *Copy*: Stevenson. – Bull. N. Y. State Coll. For. Syracuse 6(1b).

Lowe, Richard Thomas (1802-1874), British clergyman and botanist; chaplain in Madeira 1832-1854; rector of Lea, Lincolnshire, ca. 1854; botanised in Orkney Isl., Canary Isl., Cape Verde Isl., Madeira, Marocco. (*R. Lowe*).

HERBARIUM and TYPES: BM, CGE and K the latter having the "uniques" (Trimen); for duplicates see IH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 406; BB p. 194; BFM 1527; BL 1: 46, 90, 91, 306; BM 3: 1185; CSP 4: 98-99, 8: 266, 16: 887; DNB 34: 196-197; Hortus 3: 1198 ("Lowe"); IF p. 715; IH 2: 464; Jackson p. 353; Kew 3: 511; Lasègue p. 574; PR 5645-5648 (ed. 1: 6306-6307); Rehder 5: 525; Tucker 1: 444.
Anon., Bonplandia 7: 201-202. 1859; 10: 56. 1862 (on *Man. fl. Madeira*); 10: 351. 1862 (on trip to Mogador).
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Kent, D. H., Brit. herb. 66. 1957.
Lindley, J., Edwards's Bot. Reg. *t. 1261*. 1 Aug 1829 (*Lowea*).
Lowe, R. T., J. Bot. 4: 157-158. 1866 (corr.).
Menezes, C. A. de, Fl. Archipelago da Madeira 226-227. 1914.
Murray, G., Hist. coll. BM(NH) 1: 164. 1904.
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Sunding, P., Bol. Mus. municip. Funchal 31: 105. 1977 (bibl.).
Trimen, H., J. Bot. 12: 192, 287-288. 1874; 13: 192. 1875.

EPONYMY: *Lowea* J. Lindley (1829). *Note*: *Lowi* B. Scortechini (1886) is dedicated to Hugh Low (1824-1905), English colonial officer who collected plants in the Malaysian area.

HANDWRITING: Candollea 31: 349-350. 1976; Monogr. biol. Canar. 4: 35, *fig. 34*. 1977.

5047. *Primitiae faunae et florae Maderae* et Portus Sancti; sive species quaedam novae vel hactenus minus rite cognitae animalium et plantarum in his insulis degentium breviter descriptae . . . Cambridge (printed by John Smith, . . .) 1831. Qu. (*Prim. faun. fl. Mader.*).
Publ.: 1831, p. [i], [1]-70, *pl. 1-4* (plants, uncol. liths. by M. J. Berkeley), *5-6* (snails, col. liths. by G. B. Sowerby Jr.). *Copies*: FI, G, NY. – Reprinted from Trans. Cambr. philos. Soc. 4(1): [1]-70, *pl. 1-6* (id.). 1833.
Ed. 2: 1851 (p. iii: 10 Aug 1850), p. [i]-xvi, [1]-66, 523-551, [i]-xxvii, *pl. 5-6*. *Copies*: G, MO, NY. – "Two memoirs on the ferns flowering plants, and land shells of Madeira and Porto Santo. Reprinted (by permission) from the Transactions of the Cambridge Philosophical Society. With an appendix." [4(1) & 6(3)]. London (John van Voorst, . . .) 1851. Duod.

5048. *Novitiae florae maderensis*: or, notes and gleanings of Maderan botany, . . . Cambridge (printed at the Pitt Press, by John William Parker, . . .) 1838. Qu.
Publ.: 1838, p. [1]-29. *Copy*: FI. – Reprinted and to be cited from Trans. Cambridge philos. Soc. 6(3): [523-551]. 1838 (p. 551 dated Mai 1838).

5049. *A manual flora of Madeira* and the adjacent islands of Porto Santo and the Desertas . . . London (John van Voorst, . . .) 1857-1872. Duod. † (*Man. fl. Madeira*).
Publ.: 1: [i*-iii*], [i]-xii, [1]-628; 2(1): [1]-113. *Copies*: B, BR, FI, L, M, NY, U, USDA. – Hansen (1974) states that the remaining, unpublished, part of the manuscript is extant.

vol.	part	pages	dates
1	1	[1]-106	1857 (BSbF post 16 Mar 1858; p. xii: 27 Jul 1857)
	2	[107]-262	1862 (Jan-Feb: Bonplandia 1 Mar 1862)
	3	[263]-378	1864 (J. Bot. Mar 1864)
	4	[379]-522	1868
	5	523-618	1868
2	1	[1]-113	1872 (J. Bot. Apr. 1872)

5050. *Florae salvagicae tentamen*; or a list of plants collected in the Salvages or Salvage Islands by Sr. Constantino Cabral de Noronha and communicated by the Barão do Castello de Paiva ... London (John van Voorst) 1869. Duod. (*Fl. salvag. tent.*).
Publ.: 1869 (Bot. Zeit. 14 Mai 1869; Flora 20 Jul 1869), p. [1]-24. *Copies*: G, NY.

Lubbers, Louis (1832-1905), Belgian horticulturist; chef des cultures de Jardin botanique de l'État, Bruxelles 1870-1903; longtime secretary of the Société de Flore. (*Lubbers*).

HERBARIUM and TYPES: Some material at BR.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 339 (as C. Lubbers); Barnhart 3: 407 (b. 3 Dec 1932, d. 4 Jan 1905); IH 2: 465; Jackson p. 434; Morren ed. 2, p. 15, ed. 10, p. 43; Rehder 1: 64, 5: 525; Tucker 1: 444.
Anon., Bull. Soc. Bot. Belg. 42(2): 171-172. 1904 (b. 3 Dec 1832, d. 4 Jan 1905), Revue hort. 77: 62. 1905 (obit.).

5051. Palais de San Donato. *Catalogue de plantes rares* garnissant les serres rédigé par M. Lubbers .. dont la vente aux enchères publiques aura lieu ... [Paris 1880]. Qu. (*Cat. pl. rar.*).
Publ.: Jan-Mar 1880 (p. 3: Nov 1879; sale to start 23 Apr 1880), p. [i-iii], [1]-31. *Copies*: BR, FI.

Lucae, August Friedrich Theodor (1800-1848), German pharmacist and botanist. (*Lucae*).

HERBARIUM and TYPES: KIEL (40.000; destroyed), dupl. at BR, MW, P, W.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 339; Barnhart 3: 407 (b. 25 Mar 1800, d. 9 Apr 1848); IH 2: 465; PR (alph.) (b. 25 Mar 1800, d. 9 Apr 1848).
Anon., Bot. Zeit. 8: 568. 1850 (herb. for sale), 9: 311-312. 1851 (id.), 26: 431. 1868 (herbarium presented to Kiel University by the King of Prussia); Flora 31: 432. 1848 (d. 20 Apr 1848); 51: 432. 1868 (herb. to Kiel); Österr. bot. W. 1: 180. 1851 (herb. for sale); Österr. bot. Z. 18: 271. 1868 (herb. presented to KIEL).
Ascherson, P., Fl. Provinz Brandenburg 1: 8. 1864.
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Hein, W. H., Veröff. Int. Ges. Pharmacie ser.2. 40: 86-87. 1973.
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HANDWRITING: Veröff. Int. Ges. Pharmacie ser. 2. 40: 87. 1973.

EPONYMY: *Lucaea* Kunth (1831).

Lucand, Jean Louis (1821-1896), French soldier and botanist; army officer in the 29th infantry regiment 1842-1873; from 1874 retired at Autun. (*Lucand*).

HERBARIUM and TYPES: AUT (including 1206 original drawings).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 408; BM 3: 1187, 7: 753; CSP 12: 461, 16: 891; IH 1 (ed. 6): 361, 2: 465; Kelly p. 133; Kew 3: 513; LS 15938-15947, 36248; Morren ed. 10, p. 59; NAF 9(6): 442; NI 1250; Stevenson p. 1249; TL-2/1: 2022.
Anon., Ann. Soc. bot. Lyon 21: 58. 1896 (d.); Nat. Nov. 19: 217. 1897 (d.).
Gillot, F. X., Bull. Soc. hist. nat. Autun 10(2): 12-13, 193-234. 1897 (portr., bibl.); Bull. Soc. mycol. France 13: 190-194. 1897.
Junk, W., Rara 2: 177. 1926-1936.

5052. *Figures peintes de champignons.* Suites à l'iconographie du Bulliard. Par L. Lucand. 1er fascicule, s.l.n.d. [1881-1895], 17 fasc. †(*Fig. champ.*).

Fasc.	plates	Nat.Nov.	dates	fasc.	plates	Nat.Nov.	dates
1	*1-25*	Apr(2)	1881	10	*226-250*	Nov(1)	1888
2	*26-50*	Mar(1)	1882	11	*251-275*	Mai(1)	1889
3	*51-75*	Dec(2)	1882	12	*276-300*	Apr(2)	1890
4	*76-100*	Sep(1)	1883	13	*301-325*	Nov(1)	1890
5	*101-125*	Jun(2)	1884	14	*326-350*	Feb(1)	1892
6	*126-150*	Apr(2)	1885	15	*351-375*	Mai(2)	1893
7	*151-175*	Mar(1)	1886	16	*376-400*	Oct(1)	1894
8	*176-200*	Feb(2)	1887	17	*401-425*	Jan(1) 1896	1895
9	*201-225*	Jan(2) 1888	1887				

Copies: BR; IDC 5101. – Total number of copies issued: 30. – Fasc. 2-15 each accompanied by an "Analyse." For 2-7, by C. Roumeguère, these are reprinted from the Revue mycologique, for 8-15, by M. Feuilleaubois, from Revue de botanique. For a list of the figures 1-350 see Gillot and Lucand, *Catalogue raisonné* (TL-2/2022); for a detailed study and complete listing of plates and secondary literature see Gillot (1897); see also Grevillea 17: 83-85. 1889. The dates in Grevillea confirm those in Nat. Nov.

Lucas, Arthur Henry Shakespeare (1853-1936), British-born Australian botanist and science master; at Wesley College, Melbourne 1883, at Stanmore, N.S.W. 1892, at Sydney 1899-1923. (*A. Lucas*).

HERBARIUM and TYPES: CANB, on loan to NSW; further material at ADU, AK, MEL, UC.

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Lucé, Johann Wilhelm Ludwig von (x-1862), Estonian (Baltic German) botanist (*Lucé*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: De Toni 1: lxxix; Dryander 3: 442, 5: 12, 57, 103, 338; Herder p. 199, 408; Hortus 3: 1198 ("Lucé"); LS 15953b; PR 5650 (ed. 1: 6313); Rehder 5: 526; TR 834-836; Zander ed. 10, p. 687, ed. 11, p. 783.
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Orig.: 1823 (p. [ii]: impr. 21 Apr 1822), p. [i]-xvi, [1]-462. *Copy*: B-S. – On p. [iii] half-title: "*Prodromus florae osiliensis*. Topographische Nachrichten von den auf der Insel Oesel wachsenden Pflanzen, nebst Bemerkung ihres Nutzens in der Medizin, Oekonomie und Technik, ..."
Nachtrag: Reval (typ. Lindfors) 1829, p. 385-462. (included in B-S copy).

Ludlow, Frank (1886-1972), British explorer of Bhutan, Tibet and the inner Himalaya. (*Ludlow*).

HERBARIUM and TYPES: BM. – For further extensive details see IH.

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BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 409 (d. 8 Jul 1823); BM 3: 1189; Dryander 5: 338-339; Frank 3(Anh.): 61; Hortus 3: 1198 ("Ludw., C. F."); Jackson p. 112; Kew 3: 516; PR 2244-4325, 5654-5669 (ed. 1: 6320-6326); Rehder 5: 526; SBC p. 126 ("Ludw."); SO 650g; TL-2/1: 1453, 2530, 3138.
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Publ.: 1777 (NZgS 22 Dec 1777) (n.v.), also in Ludwig, C. F., Delectus opusculorum 1: 382-388. 1790.

5057. *Die neuere wilde Baumzucht* in einem alphabetischen und systematischen Verzeichnisse aufgestellt. Leipzig (in der Johann Gottfried Müllerschen Buchhandlung) 1783. Oct. (*Neuere wilde Baumz.*).
Publ.: Sep-Nov 1783 (p. [vi]: Sep 1783, NZgS 13 Nov 1783), p. [i-vi], [1]-70. *Copies*: M, MO, NY, USDA. (author's name not on t.p.; preface signed).

5058. *Delectus opusculorum* ad scientium naturalem spectantium. Edidit Christianus Frider. Ludwig D. . . . Volumen primum. Lipsiae (apud Siegfridum Lebrecht Crusium) 1790. Oct. (*Delect. opusc.*).
Publ.: 1790, p. [i]-vi, [vii-viii], [1]-560, *pl. 1-7*. *Copies*: B-S, FI, G, NY.

Ludwig, Christian Gottlieb (1709-1773), German physician and botanist at Leipzig. (*Ludw.*).

HERBARIUM and TYPES: DR, Dresden, according to Lasègue (p. 335). However, it is doubtful whether these collections are still extant. The collections made on J. E. Hebenstreit and Ludwig's expedition to North Africa (1731-1733, Algeria, Tunisia, Tripolitania) were all destroyed during the great fire of the Dresden Zwinger on 6 May 1849. The other collections of Rivinus, Hebenstreit and Ludwig were probably also destroyed on that occasion. Some material is at LINN.

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EPONYMY: *Ludwigia* Linnaeus (1753); *Ludwigiantha* (J. Torrey & A. Gray) J. K. Small (1897). *Note*: *Ludwigiella* Petrak (1922) and *Ludwigomyces* Kirschstein (1939) are dedicated to Alfred Ludwig (1819-x), German botanist, specialist in parasitic fungi.

5059. *De vegetatione plantarum marinarum* indultu amplissimi philosophorum ordinis disserent praeses M. Christianus Gottlieb Ludwig, ... et respondens Michael Morgenbesser, ... Lipsiae, d. iii. martii a.o.r. mdccxxxvi. Literis Breitkopfianis. Qu. (*Veg. pl. mar.*).
Publ.: 3 Mar 1736, p. [i-vi], [1]-32. *1 pl.* (uncol. copp.). *Copy*: USDA.

5060. *Definitiones plantarum* in usum auditorum collegit M. Christianus Gottlieb Ludwig, ... Lipsiae [Leipzig] (apud Joh. Frid. Gleditschii, B. filium) 1737. Oct. (*Defin. pl.*).
Publ.: 1737 (p. [viii]: Apr 1737), p. [i-xvi], [1]-144, [1-8, index]. *Copies*: NY; IDC 6043.

5061. *De minuendis plantarum generibus* disserit et collegium disputatorium publicum indicit ... Lipsiae [Leipzig] (Litteris Langenhemianis) [1737]. Qu. (*Minuend. pl. gen.*).
Publ.: 1737 (p. xvi), p. [i]-xvi. *Copy*: B-S.

5062. Christiani Gottlieb Ludwig ... *Aphorismi botanici* in usum auditorum conscripti. Lipsiae [Leipzig] (ex officina Langenhemiana) 1738. Oct. (*Aphor. bot.*).
Publ.: 1738, p. [1] -80. *Copies*: B-S, MICH.

5063. *Observationes in methodum plantarum sexualem* cel. Linnaei praemittit et collegium disputatorium publicum indicit Christianus Gottlieb Ludwig ... [Lipsiae [Leipzig] (ex officina Langenhemiana) 1739]. Qu. (*Obs. meth. pl. sex.*).
Orig. ed.: 1739, p. [i]-xvi. *Copy*: B-S.
Reprint: *in* J. J. Reichard, Syll. opusc. bot. 31-39. 1782. *Copy*: B-S.

5064. *De minuendis plantarum speciebus* disserit et collegium disputatorium publicum indicit ... Lipsiae [Leipzig] (ex officina Langenhemiana) 1740. Qu. (*Minuend. pl. sp.*)
Publ.: 1740, p. [i]-xvi. *Copies*: B-S, L, NY.

5065. *Institutiones historico-physicae regni vegetabilis* in usum auditorum adornatae a D. Christiano Gottlieb Ludwig ... Lipsiae [Leipzig] (apud Joh. Frid. Gleditschium) 1742. Oct. (*Inst. regn. veg.*).
Ed. 1: 1742 (p. [xiv]: 8 Oct 1742), p. [i-xvi], [1]-224, [1-8, ind.]. *Copies*: MO, USDA.
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Dutch ed.: 1757, p. [1]-309, [310-326, index]. *Copy*: U. – "Historisch-natuurkundige *onderwijsingen over* het rijk der groeijende lichamen of *planten.* Waar in de deelen der planten, haare konst-woordelijke neder-duitsche, benevens de latijnsche benamingen, ... verklaart zijn ... vertaalt door J. H. Knoop." Te Leeuwaarden, by R. J. Noordbeek, 1757. Oct. (*Onderwijs. pl.*). Translation by Johann Hermann Knoop (± 1700-1769).

5066. D. Christiani Gottlieb Ludwig ... *Definitiones generum plantarum* olim in usum auditorum collectae nunc auctae et emendatae. Lipsiae [Leipzig] (Apud Johann. Frideric. Gleditschium) 1747. Oct. (*Def. gen. pl. ed. 2*).
Publ.: 1747 (p. [xiii]: Apr 1747), p. [i], [1]-12, [1]-316, [1-28, ind.]. *Copies*: BR, NY(2), USDA; IDC 6044.

5067. D. Christiani Gottlieb Ludwig ... *Definitiones generum plantarum* olim in usum auditorum collectas nunc auctas et emendatas edidit D. Georgius Rudolphus Boehmer ... Lipsiae [Leipzig] (Ex officina Joh. Frideric. Gleditschii) 1760. Oct. (*Def. gen. pl. ed. 3*).
Editor and p. p. author: Georg Rudolph Boehmer (1723-1803).
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5068. *Ectypa vegetabilium* usibus medicis praecipue destinatorum et in pharmacopoliis obviorum variisque modis praeparatorum ad naturae similitudinem expressa accedit eorundem culturae proprietatum viriumque brevis descriptio moderante D. Christiano Gottlieb Ludwig ordinis medici in academia Lipsiensi decano. Halae Magdeburgicae [Halle im Magdeburgischen] (Impressit Joannes Godofredus Trampius prostat Lipsiae in officina Breitkopfiana) 1760 [-1764]. Fol.†. (*Ectypa veg.*).

Publ.: 1760-1764 (see below), p. [i -iv], [1]-96, *pl.i-cc. Copies*: HU, MO, USDA (199 pl.). – Complete copies have 200 nature-printed colored plates which were scheduled to appear half-yearly with parts of 25 plates. *Pl. 1-25*, 1760 Jan – Jun, *26-50* Jul-Nov 1760 (NZgS 13 Nov 1760), *51-75* Jan-Jun 1761 (NZgS 14 Jun 1761) *76-100* Jul-Dec 1761, 101-125 Jan-Jun 1762, *126-150* Jul-Dec 1762, *151-175* Jan-Jun 1763 (NZgS 8 Aug 1763), *176-200* 1764 (fide Fischer) For a list of copies see Fischer. The title page has the above text followed by a German version: "Nach der Naturverfertigte Abdrück der Gewächse . . ."
Ref.: DU 188; HU 569 (q.v. for many details); NI 1252; Plesch p. 319-320,; PR 10727; Sotheby 488 (sold at £1300)
Fischer, E., Gutenberg Jahrbuch 1933: 199 (no. 8).

5069. Ordinis medicorum in Universitate Lipsiensi h.t. procancellarius D. Christianus Gottlieb Ludwig . . . panegyrin medicam ad diem iv. septembr. mdcclxxii indicit et *de viribus plantarum cultura mutatis* disserit [Lipsiae, ex officina Langenhemia, 1772]. Qu. (*Vir. pl. cult.*).
Publ.: 4 Sep 1772, p. [i]-xvi. *Copy*: MO.

Ludwig, Clinton Albert (1886-1941), American mycologist and phytopathologist; studied at Purdue University (M. Sc. 1914); Dr. phil. Univ. Mich. 1917; plant pathologist at the South Carolina Experiment Station, Clemson College until 1928; from then on plant pathologist with USDA, Washington, D. C. (*C. A. Ludw.*).

HERBARIUM and TYPES: F, NY, PUR.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 409; (b. 20 Oct 1886, d. 7 Jan 1941); CSP 4: 124-125; Hirsch p. 181; IH 2: 466; LS suppl. 16588-16595; NAF 7(15): 1076.
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Deam, C. C., Fl. Indiana 1117. 1910.
Edwards, P. D., ed., Proc. Indiana Acad. Sci. 51: 6-7. 1942 (obit.).

Ludwig, Friedrich (1851-1918), German botanist; from 1875 teacher at the gymnasium of Greiz (*F. Ludw.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 409; BM 3: 1189; CSP 10: 654, 12: 462-463, 16: 898-899; DTS 1: 177, 3: xlv; Frank 3 (Anh.): 61; GR p. 108: Jackson p. 106, 164; Kelly p. 134; Kew 3: 516; LS 15959-16053, 36254-36270a, suppl. 16598-16599; Moebius p. 363, 364; Morren ed. 10, p. 27; NAF 7(15): 1076; Rehder 5: 526; Stevenson p. 1249.
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5070. *Lehrbuch der niedern Kryptogamen* mit besonderer Berücksichtigung derjenigen Arten, die für den Menschen von Bedeutung sind oder im Haushalte der Natur eine hervorragende Rolle Spielen . . . Stuttgart (Verlag von Ferdinand Enke) 1892. Oct. (*Lehrb. nied. Krypt.*).
Publ.: Jul 1892 (p. vi: Ostermesse 1892; Bot. Centralbl. 4 Aug 1892; Bot. Zeit. 5 Aug 1892 "soeben"; ÖbZ Sep 1892; Nat. Nov. Nov(1) 1892; Hedwigia Sep-Oct 1892; Flora rd. 7 Dec 1892), p. [i]-xv, [xvi], [1]-672. *Copies*: B, H, L, M, MO, NY, USDA.
Ref.: Fischer, Bot. Zeit. 51(2): 52-53. 16 Feb 1893.
Lindau, G., Bot. Centralbl. 53: 104-105. 1893.

Ludwig, Rudolph August Birminhold Sebastian (1812-1880) German palaeontologist, technologist and administrator at Schwarzenfels and Darmstadt. (*R. Ludw.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: ADB 19: 612-615, 55: 896. 1910; Andrews p. 297; Barnhart

2: 409; BM 3: 1190; CSP 4: 126-127, 8: 278-279, 10: 655, 12: 464-465; GR p. 29; PR 5678-5679; Quenstedt p. 271; TL-2/1: 1988.
Geinitz, H. B., Dyas, 1861-1862, TL-2/1988 (L. coauthor).
Poggendorff, J. C., Biogr.-lit. Handw.-Buch 1: 1513. 1863, 3: 840. 1898 (b. 20 Dec [not 24]. 1812, 11 Dec 1880; bibl.).

Lüben, August Heinrich Philipp (1804-1874), German botanist and high school teacher at Weissenfels (1822-1825), Dorf-Alsleben (1825-1829), Aschersleben (1829-1850), Merseburg (1850-1858), and Bremen (1858-1874). (*Lüben*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: ADB 19: 328; BM 3: 1190; CSP 4: 107; Jackson p. 51, 58, 60; NI 1253; PR 5680-5681 (ed. 1: 6347-6348); Rehder 5: 526.
Anon., Bot. Zeit. 32: 351-352. 1874; Flora 57: 176. 1874 (herb. for sale).
Lüben, A. H. P., Autobiography in: Volksschule 19 Jahrh. 371-375. 1873 (fide NI).
Müller, R. H. W. & R. Zaunick, Friedr. Traug. Kützing 57, 260. 1960.

5071. Anweisung zum Unterricht in der *Pflanzenkunde*. Nach naturgemässen Grundsätzen für gehobene Volksschulen, Bürgerschulen, Berufsschulen, Schullehrerseminarien und Gymnasien ... Halle (Eduard Anton) 1832. Oct. (*Pflanzenkunde*).
Preface: W. Harnisch.
Publ.: 1832 (p. viii: 1 Oct 1832), p. [i]-xxxiv, [1]-556. *Copy*: MO. – Alt. t.p.: "Anweisung zum Unterricht in der Naturgeschichte ... Erster Theil *Pflanzenkunde* ..." Further editions (2-6), 1837-1879 (n.v.).

Lueder, Franz Hermann Heinrich (x-1791), German horticulturist, "superintendent" at Dannenberg (Lüneburg). (*Lueder*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1190; PR 5682 (ed. 1: 6349-6352); Rehder 5: 526.

EPONYMY: *Luederitzia* K. M. Schumann (1888) is dedicated to August Lüderitz, a German merchant who collected in South Africa, whereas *Bisluederitzia* Kuntze (1903) and *Neoluederitzia* Schinz (1894) commemorate his brother Adolf, who was active in German colonial politics and who perished in Namibia.

5072. *Botanischpraktische Lustgärtnerey*, nach Anleitung der besten neuesten brittischen Gartenschriftsteller, mit nöthigen Anmerkungen für das Clima in Deutschland, ... Leipzig (bey M. G. Weidmanns Erben und Reich.) 1783-1786. 4 vols. Qu. (*Bot.-prakt. Lustgartn.*)
1: 1783, p. [i]-l, [1]-430, [1-2, err.], *pl. 1-14*.
2: 1784, p. [i]-vi, [vii-viii, err.], [1]-628.
3: 1785, p. [i]-vi, [1]-456, [457-458].
4: 1786 (p. xii: 18 Feb 1786), p. [i]-xiv, [1]-494, [1-50], indexes.
Copy: NY.

Lüders, Friedrich Wilhelm Anton (1751-1810), German botanist and physician at Havelberg. (*Lüders*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 409; BM 3: 1191; Dryander 3: 162; GR p. 108; PR 5683 (ed. 1: 6353); Rehder 1: 374.
Jessen, K. F. W., Bot. Gegenw. Vorz. 298. 1864.

5073. Frid. Wilh. Ant. Lüders, ... *Nomenclator botanicus stirpium marchiae brandenburgicae* secundum systema Gleditschianum a staminum situ digestus. Berolini (Apud Sigismund. Frid. Hesse) 1786. Oct. (*Nomencl. bot. brandenb.*).
Publ.: 1786 (p. iii: 18 Aug 1784, p. [i*], [i]-iv, [1]-107. *Copies*: B, G, USDA.

Luedersdorff, Friedrich Wilhelm (1801-?), German industrial and agricultural economist and botanist at Berlin. (*Luedersd.*)

HERBARIUM and TYPES: Unknown.

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Anon., Österr. bot. W. 4: 174. 1854 (app. "Generalsekretär des Landes-Oeconomiecollegiums" Berlin).
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5074. *Das Auftrocknen der Pflanzen* für's Herbarium, und die Aufbewahrung der Pilze, nach einer Methode wodurch jenen ihre Farbe, diesen ausserdem auch ihre Gestalt erhalten wird . . . Berlin (in der Haude und Spenerschen Buchhandlung (S. J. Joseephy)) 1827. Oct. (*Auftrockn. Pfl.*)
Publ.: 1827 (Flora 14 Apr 1827; p. xvi: Dec 1826), front., p. [i*], [i]-xvi, [1]-150, [1, err.]. *Copies*: MO, Stevenson.

Lüdi, Werner (1888-1968), Swiss ecologist, phytosociologist and quaternary botanist; Dr. phil. Bern 1923; high school teacher at Bern 1915-1931; lecturer at Bern University 1927-1933; from 1931-1958 director of the Geobot. Institut Rübel in Zürich. (*Lüdi*).

HERBARIUM and TYPES: Some material at BERN; main collections at RUEB (now incorporated in ZT), (inf. E. Landolt).

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Welten, Max, Verh. schweiz. naturf. Ges., 148 (Wiss.): 193-195. 1968 (portr.).
Zoller, H., Veröff. geobot. Inst. Rübel 33: 287-292. 1958 (bibl.).

FESTSCHRIFT: M. Welten & H. Zoller, Festschrift Werner Lüdi, Veröff. geobot. Inst. Rübel Zürich 33, 1958 (portr., bibl.).

COMPOSITE WORKS: Contributed to vol. 5(1) of Hegi, *Ill. Fl. Mitt.-Eur.*, see TL-2/2571.

5075. *Die Pflanzengesellschaften des Lauterbrunnentales* und ihre Sukzession Versuch zur Gliederung der Vegetation eines Alpentales nach genetisch-dynamischen Gesichtspunkten . . . Zürich (Verlag von Rascher & Cie.) 1921. Oct. (*Pfl. Ges. Lauterbrunnental.*).
Publ.: 15 Jul 1921, p. [1]-364. *Copy*: BR. – Pflanzengeogr. Komm. Schweiz. naturf. Ges. Beitr. geobot. Landesaufn. 9. See also his *Der Assoziationsbegriff* in der Pflanzensoziologie erläutert am Beispiel der Pflanzengesellschaften des Tanzbodengebietes im Lauterbrunnental, Bibl. bot. 96, Stuttgart 1928.

Luerssen, Christian (1843-1916), German botanist; Dr. phil. Jena 1866; lecturer at Leipzig 1869-1884; at the forestry school of Eberswalde 1884-1888; professor of botany at Königsberg 1888-1910. (*Luerss.*).

HERBARIUM and TYPES: Unknown. Presumably at the former (now destroyed) Königsberg herbarium (now Kaliningrad). The collections referred to in IH were presumably those by Amalia Dietrich on which Luerssen published his *Zur Flora von Queensland* (1874-1875).

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 41; Backer p. 340; Barnhart 2: 410; BJI 2: 383; BM 3: 1191; CSP 8: 279, 16: 903-904; DTS 1: 178, 6(4): 167-168; Futák-Domin p. 369-370; GR p. 170; Hegi 5(2): 1138; Herder p. 464; IF p. 715-716; IH 2: 467 (incorrect, see SK); Jackson p. 575; Kew 3: 518; LS 16072-16075; Moebius p. 125; Morren ed. 2, p. 10, ed. 10, p. 22; MW p. 286; NAF ser. 2. 7: 42; PR 5686, 10599; Rehder 5: 527; SK 8: lxii; Tucker 1: 445; Zander ed. 10, p. 687, ed. 11, p. 783.

Anon., Ber. deut. bot. Ges. 34: 1, 157. 1917; Bot. Centralbl. 7: 128. 1881 (so far Privatdozent, now curator, Leipzig); 20: 64. 1884 (to Eberswalde), 33: 224. 1888 (to Königsberg) 111: 256. 1909 (replaced by Mez;ill), 114: 176. 1910 (retires); Bot. Jahrb. 9, Beibl. 22. 1888; Bot. Not. 1916: 282 (d.); Nat Nov. 10: 91. 1888 (succeeds R. Caspary at Königsberg); 32: 372. 1910 (retirement because of ill health); 38: 193. 1916 (d. 3 Jul 1916); Magy. bot. Lap. 15: 311. 1916; Österr. bot. Z. 19: 130. 1869 (assistant LZ), 31: 305. 1881 (curator LZ), 34: 415. 1884 (to Eberswalde), 66: 140. 1916 (d.); Verh. bot. Ver. Brandenburg 58: 277. 1916 (d. 1 Jul 1916).

Christiansen, W. & W., Bot. Schriftum Schlesw.-Holst. 317. 1936.

Jackson, B. D., Bull. misc. Inf. Kew 1901: 42 (pl. Australia, Polynesia coll. by Amalia Dietrich).

Kneucker, A., Allg. bot. Z. 22: 136. 1917 (d. 3 Jul 1916).

Merrill, E. D., B. P. Bishop Mus. Bull. 144: 124-125. 1937 (Polynes. bibl.); Contr. natl. Herb. U. S. 30(1): 195-196. 1947.

Szymkiewicz, D., Bibl. Fl. Polsk. 103. 1925.

Toepffer, Ber. bay. bot. Ges. 16: 13. 1917 (portr.).

COMPOSITE WORKS: (1) Edited: *Bibliotheca botanica* 1889-1910.
(2) Edited: *Mittheilungen aus dem Gesammtgebiete der Botanik* Band 1-2 (Hft. 1), †, 1871-1875.

EPONYMY: *Luerssenia* Kuhn ex Luerssen (1882); *Luerssenia* Kuntze (1891); *Luerssenidendron* Domin (1927).

5076. *Filices graeffeanae.* Beitrag zur Kenntniss der Farnflora der Viti-, Samoa-, Tonga-und Ellice's Inseln ... Leipzig 1871. Oct. (*Fil. graeff.*).
Collector: Eduard O. Graeffe (1833-1916), see IH 2: 234.
Publ.: 1871, p. [i], [57]-312, *pl. 11-19. Copy*: USDA. – Reprinted with new t.p. from Mitt. gesammtgeb. Bot. 1: 57-312. *pl. 11-19.* 1871.

5077. *Die Pflanzengruppe der Farne* ... Berlin (C. B. Lüderitz'sche Verlagsbuchhandlung. Carl Habel). 1874. Oct. (*Pfl.-Gr. Farne*).
Publ.: 1874, p. [1]-28. *Copy*: FH. – Samml. gemeinverst. wiss. Vorträge (ed. R. Virchow & F. v. Holtzendorff) 9(197): 177-202. 1874.

5078. *Zur Flora von Queensland.* Verzeichniss der von Frau Amalie Dietrich in den Jahren 1863 bis 1873 an der Nordostküste von Neuholland gesammelten Pflanzen, nebst allgemeinen Notizen dazu [Hamburg (L. Friederichsen & Co., ...)] 1874-1875, 2 parts. Qu. (*Fl. Queensland*).
Collector: Amalie Dietrich, née Nelle (1821-1891).
1: Aug-Sep 1874 (Hedwigia Nov 1874; Bot. Zeit. 6 Nov 1874), p. [1]-22. J. Mus. Godeffroy, Heft 6, 1874.
2: Jul-Aug 1875 (Hedwigia Sep 1875; Bot. Zeit. 3 Sep 1875), p. [101]-122 and (alternative pagination) 233-254, *pl. 12-18* (uncol. liths. by author). Ib., Heft 8, 1875.
Copies: BR, L, US.

5079. *Grundzüge der Botanik.* Repetitorium für Studirende der Naturwissenschaften und Medicin und Lehrbuch für polytechnische, land- und forstwirthschaftliche Lehranstalten ... Leipzig (Verlag von H. Haessel) 1877. Oct. (*Grundz. Bot.*).
Ed. 1: Jan 1877 (p. [iii]: Dec 1876; Bot. Zeit. 19 Jan 1877; Flora 11 Feb 1877; J. Bot. Apr 1877), p. [i]-xi, [xii, err.], [1]-405. *Copies*: BR, M, NY, UC.
Ed. 2: Feb-Mar 1879 (Bot. Zeit. 21 Feb 1879; Nat. Nov. Mar(1) 1879), p. [i-iv], [1]-483. *Copy*: M.
Ed. 3: Mar 1881 (p. iv: Feb 1881; Nat. Nov. Mar(2) 1881; Bot. Centralbl. 4-8 Apr 1881; Bot. Zeit. 27 Mai 1881), p. [i]-xi, [xii], [1]-490. *Copies*: B, NY.

Ed. 4: Dec 1884 (p. iv: Nov 1884; Bot. Centralbl. 29 Dec 1884-2 Jan 1885; Nat. Nov. Dec(2) 1884; Bot. Zeit. 30 Jan 1885), p. [i]-viii, [1]-578. *Copy*: B.
Ed. 5: Jun 1893 (p. [v]: Jun 1893; ÖbZ Jun 1893; Bot. Zeit. 16 Jul 1893; Nat. Nov. Jul (1) 1893), p. [i]-xii, [1]-586. *Copy*: USDA.

5080. *Handbuch der systematischen Botanik* mit besonderer Berücksichtigung der Arzneipflanzen ... Leipzig (Verlag von H. Haessel) 1879-1882, 2 vols. Oct. (*Handb. syst. Bot.*).
Publ.: In two volumes; alternative t.p. "*Medicinisch-pharmaceutische Botanik* zugleich als Handbuch der systematischen Botanik für Botaniker, Ärzte und Apotheker ... " *Copies*: B, FI, L, M, NY, Stevenson, USDA.
1: 1877-1879 (p. vii: Dec 1878), p. [ii]-xii, [1]-657.
2: 1879-1882 (p. vi: Nov 1882), p. [ii]-vi, [1]-1229, vii-x, [xi-xii].

part	pages	dates	part	pages	dates
[1],1	1-80	Dec 1877	11	161-240	Nov 1879
2	81-160	Jan 1878	12	241-320	Dec 1879
3	161-240	Apr 1878	13/14	321-480	Jan 1880
4	241-320	Jun 1878	15/16	481-640	Nov 1880
5	321-400	Oct 1878	17	641-720	Jun 1881
6	401-480	Nov 1879	18	721-800	Aug 1881
7	481-560	Dec 1879	19	801-880	Oct 1881
8	561-657	Jun 1879	20	881-960	Jul 1882
[2],9	1-80	Jul 1879	21	961-1040	Sep 1882
10	81-160	Aug 1879	22/23	1041-1229	Nov 1882

5081. *Die Pflanzen der Pharmacopoea germanica* botanisch erläutert ... Leipzig (Verlag von H. Haessel) 1883. Oct. (*Pfl. Pharmac. germ.*).
Publ.: Feb-Oct 1883, in 10 parts, p. [i-iv], [1]-664. *Copies*: B, M, NY. – Dates (Nat. Nov. and Bot. Zeit.).

part	pages	dates	part	pages	dates
1	1-64	Feb 1883	6	321-384	Jun 1883
2	65-128	Mar 1883	7/8	385-512	Aug 1883
3	129-192	Apr 1883	9/10	513-664	Oct 1883
4	193-256	Mai 1883			
5	257-320	Jun 1883			

5082. *Die Farnpflanzen* oder Gefässbündelkryptogamen (Pteridophyta) ... Leipzig (Verlag von Eduard Kummer) [1884-]1889. Oct. (*Farnpflanzen*).
Publ.: 1884-1889, in 14 parts (see below), p. [ii]-xii, [1]-906. *Copy*: U. – Alternative title: "Dr. L. Rabenhorst's *Kryptogamen-Flora von Deutschland*, Oesterreich und der Schweiz. Zweite Auflage ... Dritter Band: *Die Farnpflanzen* Deutschlands, Oesterreichs und der Schweiz ... "

Lief.	pages	dates	Nat. Nov.	Hedwigia(H)/Bot. Centralbl. (BC)
1	1-64	1-9 Mar 1884	Mar(1) 1884	10-14 Mar 1884 (B.C.)
2	65-128	Apr 1884	Apr(2) 1884	5-9 Mai 1884 (B.C.)
3	129-192	Sep 1884	Sep(1) 1884	
4	193-256	Mai 1885	Mai(1) 1885	Mai-Jun 1885 (H)
5	257-320	Oct 1885	Oct(1) 1885	Jan-Feb 1886 (H)
6	321-384	Jan 1886	Jan(1) 1886	Mai-Jun 1886 (H)
7	385-448	Jul 1886	Jul(1) 1886	Sep-Oct 1886 (H)
8	449-512	Sep 1886	Sep(1) 1886	
9	513-576	Jun 1886	Jun(1) 1887	4-8 Jul 1887 (B.C.)
10	577-640	Aug 1887	Aug(1) 1887	
11	641-704	Apr 1888	Apr(3) 1888	Mar-Apr 1888 (H)

Lief.	pages	dates	Nat. Nov.	Hedwigia(H)/Bot. Centralbl. (BC)
12	705-768	Jan 1889		Jan-Feb 1889 (H)
13	769-832	Apr 1889	Apr(2) 1889	Mar-Apr 1889 (H)
14	833-906	Jun 1889	Jun(1) 1889	Mai-Jun 1889 (H)
	[i]-xii	Jun 1889	Jun(1) 1889	

Reviews in Bot. Centralbl.: (all by Bachmann) 21: 292-296. 1885 (1-3), 28: 130-135. 1886(4-7), 32: 38-40. 1887(8), 34: 46-48. 1888(9-10), 39: 20-22. 1889(11-12), 224-226. 1889 (13-14).
Facsimile ed.: 1971, New York (Johnson Reprint) n.v.

5083. *Beiträge zur Kenntniss der Flora West- und Ostpreussens* . . . Stuttgart (Verlag von Edwin Nägele) 1894. Qu. (*Beitr. Fl. West-Ostpreuss.*).
Publ.: *in 2 Hefte, 1894-1895. Copy*: NY. – Bibliotheca botanica vol. 6, Heft 28 (dates Nat. Nov., Bot. Zeit., Bot. Centralbl.):
1: 1-15 Apr 1894, p. [i-v], [1]-32, *pl. 1-9.*
2: 1-15 Jan 1895, p. 33-58, *pl. 10-23.*

Lüscher, Hermann (1859-1920), Swiss botanist. (*Lüscher*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(3): 565; BFM 990; BL 2: 567, 582, 685; BM 3: 1191; CSP 16: 904; Hegi 6(2): 1343.

5084. *Verzeichniss der Gefässpflanzen von Zofingen* und Umgebung und den angrenzenden Theilen der Kantone Bern, Luzern, Solothurn und Baselland. [Aarau (Druck und Verlag von H. R. Sauerländer) 1886]. Oct. (*Verz. Gefässpfl. Zofingen*).
Publ.: Jan-Feb 1886 (Nat. Nov. Mar(1) 1886; J. Bot. Jun 1886; Bot. Zeit. 30 Apr 1886), p. [34]-135. *Copy*: G. – Reprinted from Mitt. Aargau. naturf. Ges. 4: 34-135. 1886.

5085. *Flora des Kantons Solothurn.* Bearbeitet von Hermann Lüscher und herausgegeben unter Mitwirkung der Solothurnischen Naturforschenden Gesellschaft. Solothurn (Druck von Gassmann, Sohn. Verlag von Petri, Buchhandlung) 1898. Oct. (*Fl. Solothurn*).
Publ.: Mai 1899 (p. vii: 23 Sep 1898; Bot. Centralbl. 31 Mai 1899; Bot. Zeit. 1 Jul 1899; ded. copy to Burnat Mai 1899), p. [i]-xiii, [1], [1]-238. *Copies*: W. Greuter, G, Z.

5086. *Nachtrag zur Flora des Kantons Solothurn* . . . Grenchen (Im Selbstverlag des Verfassers) 1904. (*Nachtr. Fl. Solothurn*).
Publ.: 1904, p. [1]-23. *Copy*: Z (Inf. C. Cook).

5087. *Flora des Kantons Aargau.* Mit Berücksichtigung der Standortsverhältnisse und der horizontalen Verbreitung. Ein Beitrag zur Kenntniss der Pflanzengeographie der Schweizer Molasse und des Jura . . . Aarau (Verlag von H. R. Sauerländer & Co.) 1918. Oct. (*Fl. Aargau*).
Publ.: 1918 (p. iv: 23 Sep 1918; Nat. Nov. Sep 1919), p. [i]-xiii, [1]-217. *Copy*: G.
Ref.: Becherer, A., Verh. schweiz. naturf. Ges. 106(2): 151-152. 1925 (additions to L's *Flora*).

Lütjeharms, Wilhelm Jan (1907-x); Dutch mycologist and historian of botany in South Africa. (*Lütjeh.*).

HERBARIUM and TYPES: Main collections at BLFU and L.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 17, 24, 25, 308, 329; Barnhart 2: 410 (b. 24 Jan 1907); BL 2: 425; IH 2: 470; Kew 3: 518; MW suppl. p. 211; SK 1: 332-333; TL-1/608; TL-2/3874.
Kalkman, C. & P. Smit, eds., Blumea 25(1): 18, 84. 1979.

COMPOSITE WORKS: Edited vol. 28 of Kops, *Fl. bat.*, 1934, together with Cornelius August de Wever (1874-1947), see TL-2/3874.

5088. *Zur Geschichte der Mykologie* /Das xviii. Jahrhundert/Proefschrift ter verkrijging van den graad van doctor in de wis- en natuurkunde aan de Rijksuniversiteit te Leiden, op gezag van den rector-magnificus Mr. A. S. de Blécourt, hoogleeraar in de faculteit der rechtsgeleerdheid, voor de faculteit der wis- en natuurkunde te verdedigen op Vrijdag 10 Januari 1936, des namiddags te 4 uur door Wilhelm Jan Lütjeharms geboren te Alkmaar. Gouda (N. V. Drukkerij v/h Koch & Knuttel) 1936. Oct. (*Gesch. Mykol.*).
Publ.: 10 Jan 1936, p. [i]-xvi, [1]-262, *pl. 1-2. Copies*: FAS, U. – Also published as Mededeelingen van de Nederlandsche Mycologische Vereeniging, deel 23. – The major treatise on the beginning of scientific mycology.

Lütkemüller, Johannes (1850-1913), German-born Austrian physician and algologist; Dr. med. Wien 1875; practiced medicine in various functions, ultimately (1882-1904) in the Wiedner hospital (*Lütkem.*).

HERBARIUM and TYPES: Some material at LE and W. – L's library is at WU.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 410; CSP 16: 904; De Toni 4: xxxvii; DTS 6(4): 91; IH 2: 471; Moebius p. 79, 81; MW p. 286; NAF ser. 2. 6: 69; Nordstedt p. 22, suppl. p. 11.
Anon., Bot. Not. 1913: 246 (d.); Nuova Notarisia 25: 139. 1914. Österr. bot. Z. 63: 440. 1913 (d. 5 Sep 1913; library to WU).
Degen, A. von, Magy. bot. Lap. 12: 362. 1913.
Heimerl, A., Verh. zool.-bot. Ges. Wien 64: 122-139. 1914 (portr., bibl.).
Kneucker, A., Allg. bot. Z. 19: 192. 1913 (d.).
Poetsch, J. S. & C. B. Schiedermayr, Nachtr. syst. Aufz. Krypt. 12. 1894.
Wittrock, V. B., Acta Horti Berg. 3(3): 68. *pl. 124.* 1905 (Regierungsrath 1904; portr.).

Luetzelburg, Philipp von (1880-1948), German botanist and explorer; Dr. phil. München 1909; collected extensively in northeastern Brazil 1910-1922, 1935-1937 and, with Rondon (1928-1929) in Amazonia; back in Germany 1922-1924, and 1937-1948. (*Luetzelb.*).

HERBARIUM and TYPES: M; important sets of duplicates at R and B (incl. Pilger types; mostly destroyed). Further material at C, F, NY and WRSL. – L's manuscript history of botanical exploration of Brazil was destroyed during World War II. For publications on L's plants see Suessenguth (1955).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 410 (b. 16 Jul 1880); BJI 2: 108; BL 1: 242, 306; Hortus 3: 1199 ("Lützelb."); IH 2: 467; Moebius p. 284.
Bergdolt, E., Karl von Goebel ed. 2. 226, 227. 1941.
Herter, W. G. F., Rev. sudamer. Bot. 10(2): 56. 1952 (d.).
Lloyd, F. E., Carniv. pl. 351 [index]. 1942.
Luetzelburg, J. von, Flora 100: 145-212. 8 Jan 1910 (thesis; *Beitr. Kenntn. Utricul.*).
Prance, G., Acta amaz. 1(1): 45. 1971 (itin. Amaz.; colls.).
Suessenguth, K., Ber. deut. bot. Ges. 68a: 65-69. 1955 (biogr., bibl., b. 16 Jul 1880, d. 1 Jul 1948).

THESIS: *Beiträge zur Kenntniss der Utricularien,* München 1909, 68 p.; preprinted from Flora 100: 145-212. 8 Jan 1910. We saw no copy of the thesis issue.

EPONYMY: *Luetzelburgia* H. Harms (1922).

5089. *Mappas botanicos do Nordéste do Brasil* organisados por Philipp von Luetzelburg . . . Rio de Janeiro (Ministerio da viação e obras contra as seccas, Annexo á Publicação n. 57 [see below Est. bot. Nordéste]) 1925. Portfolio (*Mappas bot. Nordéste*).
Publ.: Jun 1925 (dated stamped by author on copy G), portfolio with 3 p. text, *6* uncolored and *5* col. maps. *Copies*: B, G.

5090. *Estudo botanico do Nordéste* . . . Rio de Janeiro (Ministerio da viação e obras publicas inspectoria federal de obras contra as seccas . . . Publicação n. 57 Série I, A.) 1925-1926, 3 vols. (*Estud. bot. Nordéste*).

1: Mar 1925, p. [1]-108, *pl. 1-91* (photos).
2: Apr 1925, p. [1] -126, *pl. 1-84* (id.).
3: Aug 1926, p. [i-iv], [1]-283, [i]-xvi, *pl. 1-49*.
Copies: MICH, MO, US (vols. dated by author). – For atlas see above: *Mappas* . . . – Maxon received his copy of vol. 2 on 15 Mai 1925; Luetzelburg signed the copy Apr 1925.

Lützow, G. (*fl.* 1895), German bryologist. (*G. Lützow*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1191; CSP 16: 905; Kew 3: 518.

NOTE Not to be confused with the Prussian botanist Carl Friedrich Wilhelm Lützow (1846-1899), see R. Caspary, Lebensbeschr. ost.-westpreuss. Bot. 246-247. 1912, and J. Dörfler, Botaniker-Adressbuch 24, 236. 1896.

5091. *Die Laubmoose Nord-Deutschlands*. Leichtfassliche Anleitung zum Erkennen und Bestimmen der in Norddeutschland wachsenden Laubmoose ... Gera-Untermhaus (Fr. Eugen Köhler's Verlag) 1895. Oct. (*Laubm. N.-Deutschl.*).
Publ.: Jul-Aug 1895 (p.viii: Jan 1894; Nat. Nov. Aug(1) 1895; Bot. Zeit. 1 Oct 1895; Bot. Centralbl. 16 Oct 1895; Hedwigia rev. 20 Dec 1895), p. [i]-viii, [1]-220, *pl. 1-16* (col.).
Copies: B, G, H, MO.
Ref.: Correns, C. F. J. E., Bot. Centralbl. 68: 149-150. 1896 (rev.).

Luisier, Alphonse (1872-1957), Swiss-born priest (entered S. J. in Portugal 1891) and bryologist; from 1932 at the Instituto Nun d'Alvres Caldas da Saude, Portugal. (*Luis.*).

HERBARIUM and TYPES: INA, COI and LISE; further material at B, BM, H, LISI, PO. Exsiccatae: *Bryotheca lusitanica*, series 1, nos. 1-25, 1910 (B, BM, FH, K, US).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 411; BL 2: 471, 685; IH 2: 467; Roon p. 71; SBC p. 126 ("Luis.").
Anon., Rev. bryol. 34: 124. 1907, 40: 30, 90, 93. 1913, 41: 107. 1917; Rev. bryol. lichén. 9: 157. 1936, 10: 101. 1937, 11: 125, 191. 1939; Taxon 7: 57. 1958.
Archer, L., Bol. Soc. port. Ci. nat. 14: 13-15. 1972 (portr.).
Carvalhaes, J., Broteria (Ci. nat.) 27: 1-16. 1958 (portr.); Bol. cult. Concelho de Santo Tirso 5(2): 233-249. 1957 (bibl.).
Casas, C. et al., Treb. Inst. bot. Barcelona 5: 30-31. 1979 (bibl.).
Pires de Lima, A., Bol. Soc. Brot. 32: xxi-xxx. 1958 (portr., bibl.).
Sayre, G., Mem. New York Bot. Gard. 19(2): 228. 1971; Bryologist 80: 513. 1977 (bryol. coll.).
Tavares, J. S. et al., eds., Brotéria, Ci. nat. 27(3): 124-131. 1958 (bibl.).
Tavares, C. N., Rev. bryol. lichén. ser.2 27 (1-2): 107-111. 1958 (bibl.); Naturalia 7: 265-269. 1958 (obit., bibl., b. 7 Feb 1872; d. 4 Nov 1957).
Teixeira, C., Naturalia 6: 208-211. 1957 (portr.).
Vives, J., Collect. bot. 5(2): 603. 1957.

COMPOSITE WORKS: Editor of *Brotéria* 1932-1957.

EPONYMY: *Luisierella* Thériot & Potier de la Varde (1936).

5092. *Musci salmanticenses*. Descriptio et distributio specierum hactenus in provincia geographica salmanticensi cognitarum. Brevi addito conspectu muscorum totius peninsulae ibericae ... Madrid (Imprenta de Estanislao Maestre ...) 1924. Oct. (*Musc. salmant.*).
Publ.: 1924 (Öbz Jul-Sep 1924; Nat. Nov. Mai 1925), p. [i-iv], [1]-280. *Copies*: FH, H. – Mem. r. Acad. Ci. exact. Madrid ser. 2. 3. 1924.

5093. *Les mousses de Madère* et en général des Iles Atlantiques. Extrait de Brotéria . . . Lisboa [1927-1945]. Oct. (*Mouss. Madère*).
Publ.: 1945, as a consolidated reprint of a series of papers published in Brotéria (ser. Bot.) and Brotéria (Ci. nat.), p. [3]-308. *Copies*: MO, NY. – Original publ. as follows:

Reprint	journal	pages	dates
5-70	Brotéria (ser. Bot.) 23	5-48, 49-53, 129-145	1927
70-152	Brotéria (ser. Bot.) 24	18-47, 66-96, 119-140	1930
153-184	Brotéria (ser. Bot.) 25	5-20, 123-139	1931
185-203	Brotéria (Ci. nat.) 1	164-182	1932
204-243	Brotéria (Ci. nat.) 7	78-95, 110-131	1938
244-256	Brotéria (Ci. nat.) 11	29-41	1942
257-306	Brotéria (Ci. nat.) 14	78-94, 112-127, 156-176	1945

Lukmanoff, Athanase de (*fl.* 1889), French botanist. (*Lukmanoff*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1192; Jackson p. 198; Kew 3: 519; MW p. 286; Rehder 5: 527; Tucker 1: 445.

5094. *Nomenclature et iconographie des Canneliers et Camphriers* ... Paris (Typographie F. Debons et Cie.) s.d. [1889]. Fol. (*Nomencl. icon. Cannel.*).
Publ.: Aug 1889 (Nat. Nov. Sep(1) 1889, p. [i, iii], [1]-28, *pl. 1-16*, uncol. liths. *Copies*: USDA.

Lumnitzer, István (Stephan) (1747-1806), Hungarian botanist and physician at Pressburg (Bratislava, now Czechoslovakia). (*Lumn.*).

HERBARIUM and TYPES: BP.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 411; BM 3: 1192; Bossert p. 245; Dryander 1: 193, 3: 172, 5: 340; GR p. 659; IH 2: 468; Kanitz nos. 61, 130; LS 16093; PR 5688 (ed. 1: 6360); Rehder 1: 374; SO add. 746ba; Tucker 1: 445.
Anon., Preslia 48: 224. 1976 (b. 4 Apr 1747, d. 11 Jan 1806).
Kanitz, A., Bonplandia 10: 312, 363. 1862.
Pax, F., Grundz. Pfl.-Verbr. Karpathen 6-7, 46. 1898 (Veg. Erd 2(1)).
Verseghy, K., Feddes Repert. 68(1): 125. 1963.

EPONYMY: *Lumnitzera* Willdenow (1803); *Lumnitzera* J. F. von Jacquin ex K. P. J. Sprengel (1825); *Lumnitzeroxylon* K. Kramer (1964).

5095. Stephani Lumnitzer ... *Flora posoniensis* exhibens plantas circa Posonium sponte crescentes secundum systema sexuale Linneanum digestas. Lipsiae [Leipzig] (impensis Siegfried Lebrecht Crusii) 1791. Oct. (*Fl. poson.*).
Publ.: 1791 (p. viii: Mar 1791), p. [i]-viii, [1]-557, *1* uncol. copper engr. *Copies*: BR, MO, NY, USDA. – A flora of Pressburg (Bratislava, Posonium, Pozsony, Prešporok).

Lunan, John (*fl.* 1814), British plant collector at Jamaica. (*Lunan*).

HERBARIUM and TYPES: Some Pteridophytes at E. Location of further material unknown (not at K.).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 411; BB p. 192; BM 3: 1192; Desmond p. 399; IH 2: 468; Jackson p. 449; Kew 3: 519; PR 5689 (ed. 1: 6361); Rehder 5: 527; SO add. 802j; Tucker 1: 445; Zander ed. 10, p. 687, ed. 11, p. 783.
Candolle, Alph. de, Phytographie 430. 1880 (pl. at K; erroneous).
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 105. 1970 (ferns in herb. Greville).
Urban, I., Symb. ant. 1: 97-98. 1898 (on Hort. jamaic.), 3: 79. 1902.

EPONYMY: *Lunanea* A. P. de Candolle (1825, *nom. rej.*); *Lunania* Rafinesque (1830, *nom. rej.*); *Lunania* W. J. Hooker (1844, *nom. cons.*).

5096. *Hortus jamaicensis,* or a botanical description, (according to the Linnean system) and an account on the virtues, &c. of its indigenous plants hitherto known, as also of the most useful exotics. Compiled from the best authorities, and alphabetically arranged, in two volumes . . . Jamaica (printed at the office of the St. Jago de la Vega Gazette) 1814, 2 vols. Qu. (*Hort. jamaic.*).
1: 1814, p. [i*-iii*], [i]-viii, [1]-538, [1, note subscr.].
2: 1814, p. [i], [1]-402, [1-2, err.].
Copies: G, MO, NY, US, USDA; IDC 5256. – Published in parts; see Urban 1898.

Lund, Anders Axel Wilhelm (1839-1925), Swedish botanist; Dr. phil. Uppsala 1863, high school teacher at Västerviks (1863-1905). (*A. Lund*).

HERBARIUM and TYPES: Material at A, C, GB.

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 330; Barnhart 2: 441; BL 2: 543, 658; BM 3: 1193; Bossert p. 245; IH 2: 488; Kew 3: 519; KR p. 469; Morren ed. 10, p. 108; PR 5690; Rehder 5: 527.
Birger, S., Sv. bot. Tidskr. 21: 118-119. 1927 (portr. with signature).
Wittrock, V. B., Acta Horti Berg. 3(2): 60. 1903 (b. 8 Aug 1839), 3(3): 43. 1905 (on portr.).

5097. *Wimmerbey-florans phanerogamer* och ormbunkar. Academisk afhandling, som med tillstånd af vidtberömda philosophiska faculteten för philsophiska gradens erhallande kommer att offentligen försvaras . . . å Skytteanska lärosalen den 23 [changed with ink to 22] Maji 1863. p.v.t.f.m. Upsala (trykt hos P. Hanselli) 1863. Oct. (*Wimmerbey-fl. phan.*).
Publ.: 22 Mai 1863, p. [1]-34. *Copy*: NY.

Lund, Nils (1814-1847), Norwegian botanist; pupil of E. M. Fries (1843-1845); went to Venezuela in 1846. (*N. Lund*).

HERBARIUM and TYPES: Unknown. Scandinavian material at BM, CGE, TRH; Venezuelan collections at B, BM, BR, C, G, NY, W.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 411; BL 2: 445, 447, 685; BM 3: 1193; IH 2: 468; Kleppa p. 8, 121, 269, 288; KR p. 469; LS 16095; PR 5691-5692 (ed. 1: 6364-6365); Rehder 5: 527; Tucker 1: 445.
Anon., Bot. Not. 1841: 158, 1842: 127 (trip to N. Norway), 1846: 111 (will soon leave for Venezuela).
Dahl, O. C., (rev. by J. C. Bay), Bot. Centralbl. 92: 327. 1892 (190 sp. N. Norway at Trh); K. Norske Vid. Selsk. Skr. 1888-90: 53-76. 1892.
Holmboe, J., Norsk biogr. Leks. 8: 550-551. 1938 (biogr., bibl.).
Lund, N., Bot. Not. 1846: 33-47, 65-95 (account of trip to E. Finnmark in 1842); Speculation og Erfarenhed. Utvalg of innledning ved Tore Stubberud, med efterord av Asbjørn Veland. Oslo 1975 (portr., bibl.).
Wittrock, V. B., Acta Horti Berg. 3(2): 170. 1903 (b. 23 Mai 1814; d. 21 Feb 1847).

5098. *Conspectus hymenomycetum* circa Holmiam crescentium, quem supplementum Epicriseos Eliae Fries scripsit Nicolaus Lund . . . Christianiae [Oslo] (Typis excudebat P. T. Malling) 1845. Oct. (*Consp. hymenomyc.*).
Publ.: Jul-Sep 1845 (p. [iv*]: Jun 1845; rev. Bot. Zeit. 25 Sep 1846), p. [i*-v*], [i]-v, [1]-118. *Copies*: BR, FH, USDA.
Re-issue: 1846, p. [i*-v*], [i]-v, [1]-118. *Copies*: MO, Stevenson. – "Christianiae (Sumptibus Joannis Dahl) 1846.
Ref.: BM 3: 1193; KR p. 469 (no. 2).
A., Bot. Zeit. 4: 674-675. 25 Sep 1846.

5099. *Haandbog i Christianias phanerogame flora* . . . Cristiania [Oslo] (tryckt paa J. W. Cappelens Forlag) 1846. Oct. (*Haandb. Christian. phan. fl.*).

Publ.: 1846 (p. [vii*]: 15 Mai 1846; rev. Bot. Zeit. 6: 485-486. 30 Jun 1848), p. [i*-vii*], [i]-xvii, [1]-334, [1, err.]. *Copy*: NY.

Lund, Peter Wilhelm (1801-1880), Danish botanist, zoologist and paleontologist; travelled in Brazil 1825-1829 and 1833-1835; lived at *Lagoa Santa* from 1835-1880. (*P. W. Lund*).

HERBARIUM and TYPES: C(12.000); duplicates see IH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 412; BM 3: 1193, 7: 759; Bossert p. 245; CSP 4: 128-129, 6: 717; IH 2: 468; Lasègue p. 346, 482; PR ed. 1: 6366; Rehder 5: 528; Quenstedt p. 272; TL-2/ 3613.
Anon., Bot. Centralbl. 3/4: 1088. 1880 (d.); Ibis 4(4): 483-484. 1880; Leopoldina 16: 143. 1880; Österr. bot. Z. 30: 378. 1880 (d.).
Calogeras, J. P., Revista Inst. hist. geogr. brasil., vol. especial 1933, p. 83-93 (mainly a letter by Lund written from Lagoa Santa 21 Apr 1844).
Candolle, A. P. de, Phytographie 430. 1880 (coll. with Warming at C; dupl. R and G-DC).
Carpenter, M. M., Amer. Midl. Natural. 33(1): 62. 1945 (biogr. refs.).
Chase, A., Ann. Rep. Smiths. Inst. 1926: 398-399. 1927.
Christensen, C., Danske Bot. Hist. 1: 246-250. 1925 (biogr., portr.), 2: 209. 1924 (bibl.).
Collin, J., *in* Bricka, Dansk biogr. Lexik. 10: 441-445. 1896.
Jenkins, A. E., J. Washington Acad. Sci. 41(2): 66-74. 1951 (on L at Lagoa Santa).
Lanjouw, J., *in* F. Verdoorn, Pl. pl. sci. Latin Amer. 232. 1945 (coll.).
Lund, H., Naturforskeren Peter Wilhelm Lund, Kjoebenhavn 1885, 123 p. (fide Urban 1906).
Mattos, A., O Sabio Dr. Lund e a prehistoria americana, Bello Horizonte, s.d. 92 p. (biogr., photograph of bust at Lagoa Santa; evaluation prehist. work).
Moldenke, H. N., Plant Life 2: 70. 1946 (epon.).
Papavero, N., Essays hist. neotrop. Dipterol. 1: 89-91, 95, 112. 1971.
Poulson, V. A., Bot. Not. 1880: 134-135 (brief biogr.).
Reinhardt, J. T., Overs. K. Danske Vid. Selsk. Forhdl. 1880: 147-210. 1881 (biogr., b. 14 Jun 1801, d. 25 Mai 1880; Brazilian itineraries).
Urban, I., Fl. bras. 1(1): 47, 49. 1906. (biogr. details on info. Warming, refs. itin.).
Warming, E., Bot. Tidsskr. 12: 125. 1880 (bibl.); Lagoa Santa 266-277, 449-450. 1892.
Wittrock, V. B., Acta Horti Berg. 3(2): 181. 1903 (on portr.).
Zittel, K. A. von, Hist. geol. paleontol. 423. 1901.

EPONYMY: *Lundia* A. P. de Candolle (1838, *nom. cons.*). *Note*: *Lundia* H. C. F. Schumacher (1827, *nom. rej.*) is dedicated to Niels Tønder Lund (1749-1809), Norwegian customs officer and entomologist. *Lundiella* Y. S. R. K. Sarma & R. Shyam (1974) is dedicated to J. W. G. Lund, present-day British phycologist.

5100. *Bemaerkninger over Vegetationen* paa de indre höisletter af *Brasilien*, isaer i plante-historisk henseende ... Kjobenhavn (trykt i det Poppske Officin) 1835. Qu. (*Bemaerkn. Veget. Brasilien*).
Publ.: 1835 (t.p.), p. [1]-44. *Copy*: G. – Preprinted from Vidensk. Selsk. Skr. 6: lxxx-lxxxiiii, 145-188. 1837; summary in Overs. Vidensk. Selsk. Forhdl. 1834-35: 11-16.

Lundell, Cyrus Longworth (1907-x), American botanist; BA Southern Methodist Univ. 1932; assistant botanical garden Ann Arbor 1932-1936; Dr. phil. Univ. Mich. 1936 assistant curator at MICH 1936-1939; curator of phanerogams ib. 1939-1944; at Southern Methodist University 1944-1948; at the Texas Research Foundation Renner 1946-1972; subsequently at Dallas, Texas. (*C. Lundell*).

HERBARIUM and TYPES: LL (from 1972 at TEX) but several first sets also at MICH and SMU; for details see IH and Knobloch (1979).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 413; BFM 1592; BL 1: 148, 306; Bossert p. 245; Hortus 3: 1199 ("Lundell"); IH 1 (ed. 6): 361, 2: 469; Kew 3: 520; Langman p. 460-462; Lenley p. 272; NAF 28B(2): 443, ser. 2. 4: 44; PH p. 209; Plesch p. 320; Roon p. 72.
Anon., Who's who in America ed. 40. 2: 2022. 1978/79 (extensive details).

Donelly, W. A. et al., The University of Michigan, an encyclopaedic survey 1450, 1451, 1452 (Michigan period; preceded R. McVaugh as curator MICH).
Knobloch, I. W., Plant coll. N. Mexico 40. 1979 (b. 5 Nov 1907; location Mex. coll.).
Lundell, C. L., Wrightia 6: 1-3. 1978 (on his expl. of Yucatan, with bibl.).
McVaugh, R., Contr. Univ. Mich. Herb. 9(3-7): 259. 1972.
Moldenke, H. N., Plant Life 2: 70. 1946 (1948) (epon.).
Rickett, H. W., Index Bull. Torrey bot. Club 64. 1955.
Steere, W. C., Rev. bryol. lichén. 7: 28. 1934.
Turner, B. L., Taxon 22: 172. 1973 (transfer herb. LL to TEX).

EPONYMY: *Lundellia* E. C. Leonard (1959); *Lundellianthus* H. Robinson (1978).

5101. *The vegetation of Petén.* With an appendix studies of Mexican and Central American plants i ... Washington, D. C. (Published by Carnegie Institution of Washington) 1937. (*Veg. Petén.*).
Publ.: 16 Jun 1937, p. [i]-ix, 1-244, *pl. 1-39*, 2 maps. *Copy*: US. – Carnegie Institution of Washington Publication no. 478.

5102. *Revision of the American Celastraceae I.* Wimmeria, Microtropis, and Zinowiewia ... Ann Arbor (University of Michigan Press) 1939. (*Rev. Amer. Celastr. I.*).
Publ.: Jul 1939, p. [1]-46. [1, h.t.], *pl. 1-10. Copy*: MICH. – Contr. Univ. Mich. Herb. 3.

Lundell, Peter Magnus [Manne] (1841-1930), Swedish botanist (algologist); Fil. kand. Uppsala 1872; teacher at Jakobs l. läroverket (1882)1883-1908, Stockholm. (*P. Lundell.*).

HERBARIUM and TYPES: S (Desmidiaceae).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 412; BM 3: 1194; Bossert p. 245; CSP 8: 279; De Toni 1: lxxix; IH 2: 469; Jackson p. 336; KR p. 472; Nordstedt p. 22; PR 10598.
Almborn, O., In litt. 3 Dec 1979 (d. 1930).
Anon., Bot. Not. 1871: 133 (3 Jun 1871: awarded prize for his *Desmidiac.*); 1872: 22 (rev. id.); Litterar. Centralbl. 1873: 395-396. (rev.).
Wittrock, V. B., Acta Horti Berg. 3(2): 61. 1903 (b. 29 Dec 1841) 3(3): 43, *pl. 109.* 1905 (portr.).

5103. *De Desmidiaceis,* quae in Suecia inventae sunt, observationes criticae ... Upsaliae (Excudit Ed. Berling, ...). 1871. Qu. (*Desmidiac.*).
Publ.: 1871 (mss. pres. 19 Nov 1870), p. [i], [1]-100, *pl. 1-5* (uncol. liths. auct.). *Copies*: FH, G, M. – Nova Acta Soc. Sc. Upsal. ser. 3, vol. 8(1).

5104. *Calceolarium* ein neues Geschlecht und neue Pleurotaenium-Arten der Familie Desmidiaceae kritisch bestimmt und photographisch reproduziert ... Berlin (R. Friedländer & Sohn) 1928. (*Calceolarium*).
Publ.: 1928 (Nat. Nov. Apr 1928), p. [1]-18, *pl. 1-5* with text, uncol. *Copy*: NY.

Lundell, Seth (1892-1966), Swedish mycologist. (*S. Lundell*).

HERBARIUM and TYPES: UPS. – Exsiccatae (with J. A. Nannfeldt): *Fungi exsiccati suecici praesertim upsalienses,* fasc. 1-30, nos. 1-1500; 1934-1947. For *Schedae* see below.

BIBLIOGRAPHY and BIOGRAPHY: Hawksworth p. 184; IH 2: 469.
Eriksson, J., Friesia 9: 289-298. 1970 (obit., bibl., b. 18 Apr 1892, d. 23 Sep 1966).
Jahn, H. & M., Westfäl. Pilzbr. 3: 73. 1962.

5105. *Fungi exsiccati suecici,* praesertim upsalienses mandatu collegii ex Elia Friesio nominati edendos curaverunt Seth Lundell et J. A. Nannfeldt. Svenska svampar, särskilt från Upsala-trakten på uppdrag av Elias Fries-kommittén utgivna av Seth Lundell och J. A. Nannfeldt ... Uppsala (Almquist & Wiksells boktryckeri-A.B.) 1934-1947, 30 fasc. (*Fung. exs. suec.*).
Co-author: John Axel Nannfeldt (1904-x).

Publ.: Text distributed independently of the exsiccata (see ICBN Art. 31, 1, examples). *Copy*: NY.

fasc.	nos.	pages	dates
1-2	1-100	[i-iv], 1-34	1934 (p. [iv]: Nov 1934).
3-4	101-200	[i-iii], 1-40	1935 (p. [iii]: 4 Apr 1935).
5-6	201-300	[i-ii], 1-44	1936 (printed 20 Mar 1936).
7-8	301-400	[i-ii], 1-40	1936 (printed 3 Dec 1936).
9-10	401-500	[i-iv], 1-49	1937 (printed 21 Apr 1937).
11-12	501-600	[i-ii], 1-38	1938 (printed 31 Mar 1938).
13-14	601-700	[i-ii], 1-37	1938 (printed 22 Jun 1938).
15-16	701-800	[i-ii], 1-40	1939 (printed 29 Jun 1939).
17-18	801-900	[i-ii], 1-41	1939 (printed 1 Aug 1939).
19-20	901-1000	[i-iv], 1-57	1940 (printed 18 Jan 1941).
21-22	1001-1100	[i-ii], 1-51	1941 (printed 20 Jun 1941).
23-24	1101-1200	[i-ii], 1-44	1942 (printed 23 Mar 1942).
25-26	1201-1300	[i-ii], 1-42	1943 (printed 5 Feb 1943).
27-28	1301-1400	[i-ii], 1-49	1946 (printed 17 Jun 1946).
29-30	1401-1500	[i-iv], 1-61	1947 (printed 19 Mai 1947).

Lundequist, Nils Wilhelm (1804-1863), Swedish botanist; Dr. phil. Uppsala 1827; bookseller in Stockholm until 1834; from then on in various functions at Uppsala. (*Lundeq.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 412; BL 2: 546, 685; BM 3: 1194; KR p. 473; PR 5693; Rehder 5: 528.
Wikström, J. E., Stockholms flora 168-169. 1840 (states authorship of *Fl. paroec. Bränkyrka*).
Wittrock, V. B., Acta Horti Bergiani 3(3): 43. 1905 (b. 17 Jan 1804, d. 4 Apr 1863).

5106. *Flora paroeciae Bränkyrka.* Cujus partem primam, venia ampliss. Facult. Philos. Upsal., praeside Nicol. Jac. Sillén, ... pro gradu philosophico p.p. Nicol. Guilielmus Lundequist, Sudermannus. In audit. Gust. die xxxi Maji mdcccxxvii. h.a.m.s. Upsaliae (Excudebant Regiae Academiae Typographi) [1827]. Oct. (*Fl. paroec. Bränkyrka*).
Publ.: 1827, in three parts. *Copies*: LD, NY.
1: 31 Mai 1827, p. [i-iii], [1]-16.
2: 6 Jun 1827, p. [i-ii], 17-32. Defended by J. F. Kjellborg.
3: 14 Jun 1827, p. [i-iii], 33-48. Defended by J. D. Gellerstedt.
Wikström (1840) and KR accept Lundequist as the author of all three theses. O. Almborn, who gave us his advice on this publication agrees and adds that N. J. Sillén (professor of "practical economy") cannot be considered as author.

Lundmark, Johan Daniel (1755-1792). Swedish physician and botanist; studied at Uppsala 1774-1780; Dr. med. Uppsala 1788; regional physician of Filipstads district (1783) 1784. (*Lundmark*).

HERBARIUM and TYPES: Herbarium at the Karsbad Gymnasium; further material at SBT and UPS (Thunberg herb.).

BIBLIOGRAPHY and BIOGRAPHY: IH 2: 469; KR p. 474; PR 5694 ed. 1: 6368; Rehder 5: 528; SO 1317, 3829-3831; TL-1/772; Tucker 1: 415.

THESIS (for med. doctor's degree): *Dissertatio de usu Linnaeae medico.* Praeside J. G. Acrel, Upsaliae 1788, Qu. 10 p.

5107. D.D. Dissertatio academica de *Lavandula,* quam, consens. exper. Fac. med. Ups. praeside viro nobilissimo Carolo à Linné [fil.] ... publico examini subjicit ... Johannes Daniel Lundmark, Nericius. In Audit. gustav. maj. d. 20 Dec 1780. Upsaliae (Typis Direct. Johan. Edman, ...) [1780]. Qu. (*Lavandula*).

Publ.: 20 Dec 1780, p. [i], [1]-22, *2 pl.* chart. *Copy*: HU.
Other ed.: in C. Linnaeus, Amoen. acad., Schreber ed., 10 (app. 2): 41-68. 1790. – Also, fide SO 3830, in Acta medicorum suecicorum 1 (1, 3): 105-139. 1783. For further references see SO 3829-3830.

Lundqvist, [Adolf] **Gösta** (1894-1967), Swedish palaeobotanist; Fil. lic. Stockh. högskola 1919; with the Swedish Geological Survey (for 40 years) in various capacities. (*Lundqvist*).

HERBARIUM and TYPES: S-PA (fossil ferns).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 413; BL 2: 551, 685; BM 7: 760; GR p. 494; KR p. 474 (b. 24 Mar 1894).
Fries, R. E., Short hist. bot. Sweden 68, 76. 1950.
Lundqvist, J., Geol. För. Stockholm Förh. 90: 153-174. 1968 (obit., portr. bibl., b. 24 Mai 1894, d. 30 Jun 1967).

5108. *Fossile Pflanzen der Glossopteris-Flora* aus Brasilien . . . Stockholm (Almqvist & Wiksells Boktryckeri-A.-B.) Berlin, London, Paris [1920]. Qu. (*Foss. Pfl. Glossopt.-Fl.*).
Publ.: Jan 1920 (mss. submitted 12 Feb 1919; p. 36: 31 Dec 1919, printed), p. [1]-36, *pl. 1-2*, with text. *Copy*: US. – K. Sv. Vet. Akad. Handl. 60(3).

Lundström, Axel Nicolaus (1847-1905), Swedish botanist; Dr. phil. Uppsala 1875; lecturer ib. 1875, curator botanical museum 1887-1892; at Ultuna agricultural college 1892-1897; professor of plant biology at Uppsala 1897-1905. (*Lundstr.*).

HERBARIUM and TYPES: UPS.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 413; BJI 1: 38; BM 3: 1195, 7: 760; Bossert p. 245; CSP 10: 658, 16: 912-913; GR p. 494; IH 2: 469; Jackson p. 62; Kew 3: 521; Kleppa p. 221; KR p. 474-476; LS 16100-16102; Moebius p. 191, 365, 366; Morren (ed. 10) p. 107; Rehder 5: 528; SO 194, 2774a, 2780a; TR 836; TL-2/2426; Tucker 1: 445-446.
Anon., Bot. Centralbl. 52: 112. 1892 (lecturer), 72: 432. 1897 (new chair plant biol. Uppsala); Bot. Jahrb. 16 (Beibl. 37): 20. 1892 (lecturer), 38 (Beibl. 87): 1906 (d.); Bot. Not. 1875: 124 (lecturer Uppsala), 1892 (lecturer Ultuna) 1898: 44 (prof. plant biology), 1906: 44 (obit., b. 23 Mar 1847, d. 30 Dec 1905); Generalregister Bot. Not. 51. 1939; Nat. Nov. 19: 600. 1897 (first professor of plant biology at Uppsala, by endowment); 28: 185. 1906 (d.); Österr. bot. Z. 56: 79. 1906 (d. 30 Dec 1905).
Borodin, J., Trav. Mus. bot. Acad. Sci. St. Petersb. 70. 1908.
Fries, R. E., Short hist. bot. Sweden 47, 73. 1950.
Nordstedt, C. F. O., Bot. Not. 1906: 44 ("hans humoristiska och vänsälla väsen uppskattades högt af vännerna").
Wittrock, V. B., Acta Horti Berg. 3(2): 61. *pl. 5.* 1903, 3(3): 43, 208, *pl. 105.* 1905.

COMPOSITE WORKS: (1) Collaborator, C. J. Hartman, *Handb. Skand. fl.* ed. 12, 1889, see TL-2/2426.
(2): with F. R. Kjellman, *Fanerogamer från Novaja Semlja,* Wajgatsch och Chabarova, . . . in Vega-Expeditionens Vetenskapliga Arbeten, Stockholm 1882, p. 299-317, *pl. 6-7,* and *Phanerogamen von Nowaja-Semlja, . . . in* Wiss. Erg. Vega-Exp. Leipzig, 1882-1883, p. 140-156, *pl. 2-3.* See also KR p. 352, nos. 40 (a) and (b).

5109. *Studier öfver Slägtet Salix.* Akademisk afhandling, som med tillstånd af vidtberömda filosofiska Fakulteten i Upsala för filosofiska gradens erhållande till offentlig granskning framställes af Axel Nicolaus Lundström, . . . å Botaniska Lärosalen Lördagen den 15 Maj 1875, kl. 10 f.m. Stockholm (Bergström & Lindroth) 1875. Oct. (*Stud. Salix*).
Thesis issue: 15 May 1875 or up to three weeks earlier, p. [i], [1]-59, *pl. 1-2* (uncol.). *Copy*: BR.
Trade issue: 1875, p. [i], [1]-59, *pl. 1-2* (id.). *Copies*: B, G, MO. "Studier . . . afhandling af Axel Nicolaus Lundström". Stockholm (id.) 1875. Oct.

5110. Kritische Bemerkungen ueber *die Weiden Nowaja Semljas* und ihren genetischen

Zusammenhang ... Upsala (Druck der Akademischen Buchdruckerei Ed. Berling) 1877. Qu. (*Weiden Nov. Zeml.*).
Publ.: 1877 (mss. submitted 7 Apr 1877), p. [i], [1]-44, 1 chart. *Copy*: FI. – Issued as Nova Acta Soc. Sci., Uppsala ser. 3, vol. extraord. 14.

5111. *Pflanzenbiologische Studien* ... I. Die Anpassungen der Pflanzen an Regen und Thau ... Upsala (Druck der Akademischen Buchdruckerei Edv. Berling) 1884. Qu. (*Pfl.-biol. Stud.*).
1: 1884, p. [i-iv], [1]-67, *4 pl. Copy*: FI. – Issued as Nova Acta Soc. Sci., Uppsala ser. 3. 12(5). – For references to the lively discussion around this paper see KR p. 475-476 and Lundström, Om regnuppfångande växter. En antikritik, Lund 1889, Bot. Not. 1889: 33-48, 97-117, 147-155, 1890: 142-150, and Bot. Centralbl. 44: 391-395, 424-428. 1890, 45: 7-13, 41-45, 76-80. 1891.
2: 1887, p. [i-iv], [1]-188, ib. ser. 13. 2(6). "Die Anpassungen der Pflanzen an Thiere".

Lunell, Joël (1851-1920), Swedish-born American physician and botanist; studied at Uppsala; physician at Willow City and Leeds, North Dakota, 1889-1920. (*Lunell*).

HERBARIUM and TYPES: MIN (purchased 1927); further material e.g. at DBN and RM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 413; BL 1: 205, 306; Bossert p. 245; Hortus 3: 1199 ("Lunell"); IH 1 (ed. 6): 361, 2: 470; NAF 28B(2): 344, ser. 2. 5: 247; Pennell p. 612.
Anon., Amer. midl. Natural. 6: 243-245. 1920; Bot. Not. 1920: 150; Österr. bot. Z. 70: 64. 1921 (d.).
Harris, J. A., Science 66: 110. 1929; Minnesota chats 9(104): 8-9, 16. 1928.
Rydberg, P. A., Augustana Coll. Lib. Publ. 5: 45-46. 1907.

EPONYMY: *Lunellia* J. A. Nieuwland (1914).

Luther, Alexander Ferdinand (1877-1955), Finnish botanist and zoologist at Helsingfors (*A. Luther*).

HERBARIUM and TYPES: H.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 413; BM 3: 1195-1196, 7: 761-762; Bossert p. 245; Collander p. 338-339, hist. 50-52; CSP 16: 920; Hirsch p. 182; KR p. 478; Moebius p. 83; Nordstedt suppl. p. 11; Saelan p. 308-309.
Carpelan, T. & L. O. T. Tudeer, Helsingin Yliopisto 2: 587-588. 1923. (n.v., fide Collander et al. (1973), q.v. for further biogr. refs.).
Palmgren, P., Soc. sci. Fenn. Årsb.-Vuosik 49C(1): 1-15. 1971.

5112. Ueber *Chlorosaccus* eine neue Gattung der Süsswasseralgen, nebst einigen Bemerkungen zur Systematik verwandter Algen. Stockholm (Kungl. Boktryckeriet P. A. Norstedt & Söner) 1899. Oct. (*Chlorosaccus*).
Publ.: Jan-Jul 1899 (mss pres. 14 Dec 1898; Nat. Nov. Aug (1) 1899 p. [1]-22, *pl. 1. Copies*: H, U. – Bih. Sv. Vet. – Akad. Handl. 24(3) no. 13.

Lutze, Günther (1840-1930) German botanist and high school teacher at Sondershausen (*Lutze*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 79; Barnhart 2: 414; BFM 409; BJI 1: 38; Hegi 4(2): 10-13; Rehder 5: 528; Tucker 1: 446.
Müller, H., Mitt. thür. bot. Ver. ser. 2. 40: iii-iv. 1931 (bibl.).

EPONYMY: *Lutzia* Gandoger (1923) is dedicated to Louis Charles Lutz (1871-1952), French botanist.

5113. *Flora von Nord-Thüringen.* Mit Bestimmungstabellen zum Gebrauche auf Exkursio-

nen, in Schulen und beim Selbstunterrichte . . . Sondershausen (Druck und Verlag von Fr. Aug. Eupel) 1892. Oct. (*Fl. N.-Thüringen*).
Publ.: Apr-Jun 1892 (p. vi: Aug 1891; Nat. Nov. Jan(2) 1892, also Jul(2) 1892; ÖbZ Jun 1892; Bot. Jahrb. 27 Jun 1893; Bot. Zeit. 24 Jun 1892), p. [i]-xii, [1]-398. *Copies*: B(2), G.

5114. *Die Vegetation Nordthüringens* in ihrer Beziehung zu Boden und Klima, als Einleitung zu seinem Buche: Flora von Nord-Thüringen . . . Beilage zum Programme der Fürstlichen Realschule zu Sondershausen, Ostern 1893. Progr. no. 720. Sondershausen (Hofbuchdruckerei von Fr. Aug. Eupel) 1893. Oct. (*Veg. Nordthür.*).
Publ.: Mar 1893 (Bot. Centralbl. 5 Apr. 1893), p. [1]-26. *Copies*: B, US.
Ref.: Moebius, M., Bot. Centralbl. 60: 182. 1894 (rev.).
Roth, E., Bot. Jahrb. 18(Lit.): 35-36. 1894 (rev.).

Luxford, George (1807-1854), British botanist, printer, editor and journalist in London; lecturer on botany at St. Thomas Hospital, 1846-1851. (*Luxf.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 414; BB p. 195; BM 3: 1197; CSP 4: 136; Desmond p. 399; DNB 34: 302; Jackson p. 575; Kew 3: 522; PR 5695-5696 (ed. 1: 6374); Rehder 5: 529; Tucker p. 446.
Allibone, S. A., Crit. dict. Engl. lit. 1145. 1870.
Anon., Bot. Not. 1855: 159 (d.); Bot. Zeit. 12: 922-923. 1854, 38: 80. 1855; Österr. bot. W. 5: 32. 1855 (d. 12 Jun 1854); Proc. Linn. Soc. London 2: 426-427. 1855.
Pearsall, W. H., (C. E. Salmon) Fl. Surrey 51. 1931.

COMPOSITE WORKS: Edited: *The Phytologist*, vols. 1-2, 1844-1845 (vols. 3-5 edited by Edward Newman 1845-1854; new series by A. Froine, vols. 1-6, 1855-1863).

5115. *A flora of* the neighbourhood of *Reigate*, Surrey, containing the flowering plants and ferns; . . . London (John van Voorst, . . .) 1838. Duod. (in sixes). (*Fl. Reigate*).
Publ.: 1838 (p. xviii: 17 Apr 1838), map, p. [i]-xviii, [1, h.t.], [1]-118, [1, note]. *Copy*: NY.

Luyken, Johann (Joannes) **Albert** (1785-1867), German-Dutch physician and lichenologist, born at Wessel, ultimately at Landfort nr. Gendringen (Arnhem region) (*Luyk.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1197; GR p. 108-109; Kew 3: 522; Krempelh. 2: 77-79; LS 16126; PR 5697 (ed. 1: 6375); SBC p. 126 ("Luyk."); TL-2/1: 11.

EPONYMY: *Luykenia* Trevisan (1860).

5116. *Tentamen historiae lichenum* in genere cui accedunt primae lineae distributiones novae. Quod speciminis loco inauguralis consensu et auctoritate gratiosi medicorum ordinis in Academia Georgia Augusta pro summis in medicina, chirurgia et arte obstetricia honoribus rite obtinendis die xxi decembris a [mdcccix]. Publico eruditorum examini submittit Ioannis Albertus Luyken Vesaliensis. Gottingue [Göttingen] (Typis Henrici Dieterich) s.d. [1809]. Oct. (*Tent. hist. lich.*).
Publ.: 21 Dec 1809, p. [1]-102. *Copies*: G(2), L, NY, Stevenson.

Lyall, David (1817-1895), British surgeon, naturalist and explorer; on Ross's Antarctic Voyage (1839-1842); in New Zealand 1847; in the Arctic with Belcher 1852; on Oregon Boundary Commission 1858-1861. (*Lyall*).

HERBARIUM and TYPES: In general at K; the plants of the Oregon Boundary Commission (in part collected by John Buttle) both at GH and K with duplicates in various other herbaria.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 341; Barnhart 2: 415; BB p. 195; Clokie p. 204;

CSP 4: 137, 16: 927; Desmond p. 399; IH 2: 471; Lasègue p. 391, 557, 574; PH 164; Rehder 5: 529; TL-2/2440; Urban-Berl. p. 288, 307, 371.
Anon., Ann. Scott. nat. Hist. 16: 263. 1895; Bot. Jahrb. 20 (Beibl.) 50: 45. 1895 (d.); Bot. Not. 1896: 44 (d.).
Beck, G., Bot. Centralbl. 34: 149. 1888 (Oregon pl. W.).
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Glenn, R., The botanical explorers of New Zealand. 175. 1950.
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Hooker, J. D., Fl. Tasm. 1: cxvii, 548-549. 1859; J. Bot. 33: 209-211. 1895; Proc. Linn. Soc. London 1894/5: 33-35. 1896 (d. 2 Mar 1895; obit.).
Huxley, L., Life letters J. D. Hooker 2: 554 [index]. 1918.
Jackson, B. D., Bull. misc. Inf. Kew 1901: 42 (Oregon pl. K.).
Kneucker, A., Allg. bot. Z. 1: 112. 1895 (d.).
Mitten, W., J. Linn. Soc., Bot. 8: 12-55. 1865 (Bryology survey 40th parallel).
Penhallow, D. P., Trans. R. Soc. Can. ser. 2 3(4): 14, 46. 1897.
Piper, C., Contr. U. S. Natl. Herb. 11: 16-17. 1906.
Polunin, N., Bull. Natl. Mus. Canada Biol. Ser. 26: 19. 1940.
Rigg, G. B., Washington hist. Quart. 20: 163. 1929.
Sayre, G., Mem. New York Bot. Gard. 19(3): 362-363. 1975.
Thomas, J. H., Huntia 3: 12. 1969 [and 1979].
Veitch, J., Man. Conif. 400. 1900.

EPONYMY: *Lyallia* J. D. Hooker (1847).

Lyell, Katherine Murray (née Horner) (1817-1915), British pteridologist; sister-in-law of Sir Charles Lyell (1797-1875). (*K. Lyell*).

HERBARIUM and TYPES: Ferns at K; other cryptogams at BM, FI, RNG (pterid.).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 415; BB p. 196; BM 3: 1200; Desmond p. 400; GR p. 196; IH 2: 471; Jackson p. 151; Kew 3: 523; LS 36336; MW p. 286; PR 5699; Tucker 1: 446.
Huxley, L., Life letters J. D. Hooker 2: 555. 1918 [index].
Jackson, B. D., Bull. misc. Inf. Kew 1901: 42 (ferns K).
Winkler, H., *in* F. Verdoorn, Man. Pteridol. 451, 452. 1938.

5117. *A geographical handbook of all the known ferns* with tables to show their distribution ... London (John Murray, ...) 1870.Oct. (*Geogr. handb. ferns*).
Publ.: Jan-Mar 1870 (J. Bot. Mar 1870; Amer. J. Sci. Mai 1870), front., p. [i], lith. t.p., [iii]-x, [1, err.], [1]-225. *Copies*: BR, G, L, NY, US; IDC 7219. – Cover: "*The geographical handbook* ... "

Lyman, George Richard (1871-1926), American phytopathologist and mycologist; Ph. D. Harvard 1906, instructor in botany at Radcliffe College 1900-1901; id. at Dartmouth College 1901-1915; with USDA 1915-1923; with the Agricultural Experiment Station, West Virginia 1923-1926. (*Lyman*).

HERBARIUM and TYPES: HNH (5193).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 415; IH 2: 472; Kelly p. 135; LS 36337-36338, suppl. 16742-16744.
Clinton, G. P., Proc. Amer. Acad. Arts Sci. 62(9): 267-273. 1928 (portr.).
Colley, R. H. & W. H. Weston Jr., Phytopathology 17: 354-361. 1927 (b. 1 Dec 1871; obit., portr., bibl.).
Knight, H. G., Bull. W. Virginia Univ. Sci. Ass. 2(2): 38-39. 1927.

Lyngbye, Hansen [Hans] **Christian** (1782-1837), Danish phycologist, clergyman at Gjesing and Nørager (nr. Aarhus) 1819-1827; id. at Søberg and Gilleleje 1827-1837. (*Lyngb.*).

HERBARIUM and TYPES: C; some further material at HBG, KIEL and L. – Original drawings at FH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 416; BM 3: 1201; CSP 4: 141-142, 10: 666; De Toni 1: lxxix; Frank 3(Anh.): 61; GR p. 678, cat. p. 67; IH 2: 472; Jackson p. 333; Kew 3: 524; Lasègue p. 544, 574; LS 16141; Moebius p. 66, 94; NAF ser. 2. 6: 69; NI 1254; Nordstedt p. 22; PR 5700 (ed. 1: 6377).
Anon., Bot. Not. 1880: 56.
Candolle, Alph. de, Phytographie 430. 1880 (types: C).
Christensen, C., Danske Bot. Hist. 1: 228-232. 1925 (biogr.), 2: 182-183. 1924. (b. 29 Jun 1782, d. 18 Mai 1837; bibl.).
Christiansen, W. & W., Bot. Schrifttum Schlesw.-Holst. 317 [index]. 1936.
Fischer-Benzon, R.J. D. *in* Prahl, Krit. Fl. Schleswig-Holstein 2: 35. 1890.
Fryxell, G., Beih. Nova Hedwigia 35: 362. 1975 (herb.).
Hornschuch, C. F., Flora 3: 438-440. 1820 (on genesis *Tent. hydrophyt. dan.*, was published by Sep 1819), 655-660. 1820.
Jessen, K. F. W., Bot. Gegenw. Vorz. 375. 1884.
Koster, J. T., Taxon 18: 555. 1969 (herb.).
Müller, R. H. W. & Zaunick, R., Friedr. Traugott Kützing 287. 1960.
Rydberg, P. A., Augustana Coll. Libr. Publ. 5: 22-23. 1907.
Sauvageau, C., Remarques Sphacélariacées viii-ix.
Warming, E., Bot. Tidsskr. 12(2/3): 118-119. 1880 (bibl.).

EPONYMY: *Lyngbya* Gaillon (1828, *nom. rej.*); *Lyngbya* Agardh ex Gomont (1892, *nom. cons.*); *Lyngbyea* Sommerfelt (1826, *nom. rej.*); *Lyngbyella* Bory de St.-Vincent (1823); *Lyngbyites* Makhaev (1937); *Lyngbyopsis* Gardner (1927); *Palaeolyngbya* Schopf (1968).

5118. *Tentamen hydrophytologiae danicae* continens omnia hydrophyta cryptogama Daniae, Holsatiae, Faeroae, Islandiae, Groenlandiae hucusque cognita, systematice disposita, descripta et iconibus illustrata, adjectis simul speciebus norvegicis. Opus, praemio ab Universitate regia Hafniensi ornatum, et sumta regio editum. Hafniae [Kjøbenhavn] (Typis Schultzianis) 1819. Qu. (*Tent. hydrophytol. dan.*).
Publ.: Apr-Aug 1819 (p. [viii]: 18 Mar 1819; see Hornschuch 1820), engraved t.p., [i]-xxxii, [1]-248, *pl. 1-70*, col. or uncol. copper engr. by author. *Copies*: B (pl. uncol.), G (pl. col.), H, M (pl. uncol.), NY (2, pl. uncol.); IDC 5251.
Facsimile ed.: 1973, ISBN 90-6123-231-7 (A. Asher & Co., Amsterdam), n.v.

Lynge, Bernt Arne (1884-1942), Norwegian lichenologist; Dr. phil. Oslo 1917; lecturer (1918) and professor (1935) of botany at Oslo University. (*Lynge*).

HERBARIUM and TYPES: O; for duplicates see IH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 416; BL 2: 446, 685; BM 7: 765; Collander p. 341; GR p. 714, *pl.* [*36*], cat. p. 67; Hawksworth p. 184; Hirsch p. 182; IH 2: 472; Kelly p. 135; Kew 3: 524; Kleppa p. 327 [index]; KR p. 479; LS 36341, suppl. 16747-16764; SBC p. 126 ("Lynge"); Stevenson p. 1250; TL-2/see Havaas, J. J., Keissler, K. von; Urban-Berl. p. 288.
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Laundon, J. R., Lichenologist 11: 13. 1979 (Lichens at O, dupl. BG, C, S.).
Lynge, B., Rhodora 36: 133-196. *2 pl.* 1934 (recent Norw. work on arctic lichens).
Mattick, F., Herzogia 1: 173-176. 1969.
Nordal, A., Medd. Norsk farm. Selsk. 4(2): 33-34. 1943 (obit., b. 9 Jul 1884).

Sernander, R., Sv. bot. Tidskr. 37(4): 425-428. 1943 (portr.).

COMPOSITE WORKS: Rabenhorst, *Kryptogamenflora* ed. 2, *Physciaceae*, 9(6): [37]-188. 1935.

5119. *De norske busk- og bladlaver* (Lichenes Thamno- et Phyllo-blasti Kbr.). Med angivelse av deres utbredelse saerlig i det østenfjeldske Norge ... [Bergen 1910]. Oct. (*Norske busk-bladlaver*).
Publ.: 1910 (Nat. Nov. Dec(1) 1910), p. [1]-122, [123-124], *pl. 1-7*. *Copy*: US. – Bergens Museums Aarbog 1910. Nr. 9.

5120. *Index specierum et varietatum lichenum* quae collectionibus "lichenes exsiccati" distributae sunt ... Kristiania [Oslo] (A. W. Brøggers Boktrykkeri a/s) 1915-1922, 2 vols. Oct. (*Index sp. var. lich.*).
1: 1915-1920, in five fascicles, p. [1]-559.
2: 1921-1922, in three fascicles, p. [1]-316.
Copies: BR, NY, U, USDA. – Originally published in Nytt Magazin for Naturvidenskaberna vols. 53-60 as follows in independently paged supplements.

vol.	pars	pages	dated	published after
53	prima	[1]-112	1915	14 Jan 1916
54		113-304	1916	18 Nov 1916
55		305-384	1917	6 Feb 1918
56		385-464	1919	30 Sep 1919
57		465-559	1920	9 Jun 1920
58	secunda	[1]-96	1920	7 Jan 1921
59		97-192	1921	28 Feb 1922
60		193-316	1922	13 Sep 1922

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Ref.: Holmboe, J., Naturen 45: 281-282. 1921.

5121. *A monograph of the Norwegian Physciaceae* ... Christiania [Oslo] (In Commission at Jacob Dybwad) 1916. Oct. (*Monogr. Norw. Physciac.*).
Publ.: Nov-Dec 1916 (p. 110: 30 Oct 1916; Nat. Nov. Feb 1917), p. [i-iii], [1]-110, *pl. 1-3*. *Copy*: FH. – Videnskapsselskapets skrifter. I. Mat.-Naturv. Klasse. 1916. No. 8.

5122. *Studies on the lichen flora of Norway* ... with 13 maps and 5 figures in the text/Appendix Kristian Nissen Lapponian lichen names. Kristiania [Oslo] (I kommission hos Jacob Dybwad) 1921. Oct. (*Stud. lich. fl. Norway*).
Publ.: 1921 (p. 252: printed 6 Dec 1921), p. [1]-252, maps i-xiii. *Copies*: FH(2), L, Stevenson. – Videnskapsselskapets Skrifter I. Mat.-Naturv. Klasse 1921. No. 7. With appendix: Kristian Nissen, *Lapponian lichen names*.

5123. *Vascular plants from Novaya Zemlya* with xlviii plates ... Kristiania [Oslo] (A. W. Brøggers boktrykkeri a/s) 1923. Oct. (*Vasc. pl. Nov. Zemlya*).
Publ.: Feb 1924 (t.p.: 1923: "printed 23 Jan 1924"), p. [1]-151, [152, impr.], *pl. 1-47*. *Copy*: FH. – Report of the scientific results of the Norwegian expedition to Novaya Zemlya 1921. No. 13.
Ref.: Wilmott, A. J., J. Bot. 63: 163-165. 1926, 65: 84-87. 1927.

5124. Report of the scientific results of the *Norwegian Expedition to Novaya Zemlya* 1921 ... *Botany* ... Oslo (Kristiania) (A. W. Brøggers Boktrykkeri a/s 1928. Oct. (*Rep. Exped. Nov. Zeml., Bot.*).
Publ.: 1928, p. [1]-151, *47 pl*. *Copy*: FI.

5125. *Lichens from Novaya Zemlya* (excl. of Acarospora and Lecanora) with xiii plates ... Oslo (Kristiania) (A. W. Brøggers Boktrykkeri a/s) 1928. Oct. (*Lich. Nov. Zemlya*).
Publ.: Oct-Dec 1928 (p. 300: printed 3 Oct 1928; J. Bot. Jan 1929), p. [1]-299, [300, impr.],

pl. 1-13 with text. *Copies*: FH, FI, Stevenson. – Report of the scientific results of the Norwegian expedition to Novaya Zemlya 1921. No. 43.

5126. *Lichens* collected on the Norwegian scientific expedition to *Franz Josef Land* 1930 ... Oslo (i kommisjon hos Jacob Dybwad) 1931. Oct. (*Lichens Fr. Jos. Land*).
Publ.: 1931, p. [1]-31, *2 pl.*, map. – *Copy*: FI. – Norges Svalbard – og Ishavs- Undersøkelser ... nr. 38.

5127. *Lichens from South East Greenland collected in 1931* on Norwegian expeditions. Oslo (i kommisjon hos Jacob Dybwad) 1932. Oct. (*Lichens S. E. Greenland coll. 1931*).
Publ.: 1931, p. [1]-15, 1 map. *Copy*: FI. – Skrifter om Svalbard og Ishavet nr. 45.

5128. *A revision of the genus Rhizocarpon* (Ram.) Th. Fr. in Greenland. Oslo (i kommisjon hos Jacob Dybwad) 1932. Oct. (*Rev. Rhizocarpon*).
Publ.: 1932, p. [1]-31, *2 pl.*, map. *Copy*: FI. – Norges Svalbard- og Ishavs-Undersøkelser ... no. 47.

5129. *Lichens from North East Greenland* collected on the Norwegian scientific expeditions in 1929 and 1930. I. With 7 plates and 1 map. Oslo (Jacob Dybwads Bokhandel) 1932. Oct. (*Lich. N. E. Greenland*).
Co-author: Per Fredrik Scholander (1905-x).
Publ.: 1932 (p. 116 dated 13 Jan 1932), p. [1]-116, *pl. 1-7*, [1, expl. pl.]. *Copies*: FH, FI, Stevenson. – Norges Svalbard- og Ishavs-Undersøkelser. Leder: Adolf Hoel. Skrifter om Svalbard og Ishavet nr. 41.
Part 2: Microlichens, 1941 (t.p. 1940, p. [116]: printed 20 Jan 1941), p. [1]-143, [145-146], *pl. 1-9*. *Copy*: FH. – Idem nr. 81.

5130. *On Dufourea and Dactylina* three arctic lichens ... Oslo (i kommisjon hos Jacob Dybwad) 1933. Oct. (*Dufourea & Dactylina*).
Publ.: 1933, p. [1]-62, *2 pl. Copy*: FI. – Norges Svalbard- og Ishavs- Undersøkelser ... no. 59.

5131. *Lichens from Southeast Greenland* collected chiefly by Dr. P. F. *Scholander* in 1932 during the Norwegian expedition in the S/S "Polaris" ... Oslo (i kommisjon hos Jacob Dybwad) 1937. Oct. (*Lich. S. E. Greenland, Scholander*).
Co-authors: Eilif Dahl (1916-x), Per Fredrik Scholander (1905-x).
Publ.: 1937, p. [1]-76, 2 maps. *Copy*: FI. – Norges Svalbard- og Ishavs-Undersøkelser ... nr. 70.

5132. *Lichens from West Greenland*, collected chiefly by Th. M. Fries ... with 1 map in the text and 10 plates. København (C. A. Reitzels Forlag ...) 1937. Oct. (*Lich. W. Greenland*).
Publ.: Aug-Dec 1937 (p. 225: printed 29 Jul 1937), p. [1[-225, *pl. 1-10*. *Copies*: FH, Stevenson. – Meddelelser om Grønland 118(8).

5133. *Lichens from the West and North Coasts of Spitsbergen* and the North-East Land collected by numerous expeditions. I. The macrolichens ... with 2 figures in the text and 14 plates ... Oslo (I kommisjon hos Jacob Dybwad) 1938. Oct. (*Lich. Spitsbergen*).
Publ.: Sep-Dec 1938 (p. 136: printed 5 Sep 1938), p. [1]-136, *pl. i-xiv*. *Copies*: FH, Stevenson. – Skrifter utgitt av Det Norske Videnskaps-Akademi i Oslo I. Mat.-Naturv. Klasse 1938. No. 6.

5134. *Lichens from Jan Mayen* collected on Norwegian expeditions in 1929 and 1930 ... with 1 map and 2 plates. Oslo (I kommission hos Jacob Dybwad) 1939. Oct. (*Lich. Jan Mayen*).
Publ.: 1939 (p. 55: 30 Jan 1939), p. [1]-55, *pl. 1-2*. *Copy*: Stevenson. – Norges Svalbard- og Ishavs- Undersøkelser. Leder: Adolf Hoel. Skrifter om Svalbard og Ishavet nr. 76.

Lyon, Harold Lloyd (1879-1957), American botanist and phytopathologist originally at the University of Minnesota, later at the Experiment Station, Hawaiian Sugar Planters' Association; botanist and director of the Foster Botanical Gardens, Honolulu (*Lyon*).

HERBARIUM and TYPES: MICH, MIN, NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 416 (b. 14 Oct 1879, d. 15 Mai 1957); BJI 2: 109; BM 3: 1201; IF p. 716; IH 2: 472; LS suppl. 16766-16769; Pennell p. 612; Stevenson p. 1250.

Anon., Nat. Nov. 21: 574. 1899 (ass. Univ. Minnesota); Science 125: 1139. 1957; Sugar 52: 49. 1957 (n.v.).
Merrill, E. D., B. P. Bishop Mus. Bull. 144: 125-126. 1937 (Polynes. bibl.); Contr. natl. Herb. U.S. 30(1): 196-198. 1947.

EPONYMY (genus): *Lyonella* H. Sydow (1925); (journal): *Lyonia*. Occasional papers of the Harold L. Lyon Arboretum. Honolulu. Vol. 1-x, 1974-x.

5135. *The Pteridophytes of Minnesota*. Harold L. Lyon. Reprinted July 3, 1903 from Minnesota Botanical Studies. 1903. Oct. (*Pteridoph. Minnesota*).
Publ.: 3 Jul 1903 (cover reprint; Fern Bulletin Jul 1903), cover (with above text), p. 245-255.

Lyons, Albert Brown (1841-1926), American botanist. (*A. Lyons*).

HERBARIUM and TYPES: BISH, DUKE, MICH, NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 416 (b. 1 Apr 1841, d. 13 Apr 1926); BL 1: 3, 189, 306; BM 3: 1202; CSP 16: 932; IH 2: 473; Rehder 5: 529; Tucker 1: 446.
Donelly, W. A. et al., The University of Michigan, an encyclopaedic survey 1445. 1956.
Merrill, E. D., B. P. Bishop Mus. Bull. 144: 126. 1937 (Polynes. bibl.); Contr. natl. Herb. U. S. 30(1): 198. 1947.
Voss, E. G., Contr. Univ. Mich. Herb. 13: 24, 58, 62, 64-67, 84-85, 87. 1978 (coll. in Michigan).

HANDWRITING: Voss, E. G., Contr. Univ. Mich. Herb. 13: 66. 1978.

5136. *Plant names* scientific and popular including in the case of each plant the correct botanical name in accordance with the reformed nomenclature, together with botanical and popular synonyms and vernacular German, French and Spanish names. The list comprises all important medicinal plants with their pharmacopoeial names, the principal food plants of the world and all others of any economic importance, giving especial prominence to those which are indigenous in the United States. Compiled from the most authentic sources ... Detroit (Nelson, Baker & Co., Publishers) 1900. (*Pl. nam.*).
Publ.: 1900 (p. [3]: Jan 1900), p. [1]-469. *Copies*: MO, USDA. – Bot. Zeit. 16 Dec 1903 and Nat. Nov. Nov 1903 mention a re-issue (?) dated 1903; Nat. Nov. Jul 1908 mentions a re-issue dated 1908.
Ed. 2: 1907 (p. 5: Apr 1906), p. [1]-630. *Copy*: USDA. – Second edition. Thoroughly revised with much added matter. Detroit (id.). 1907.

Lyons, Israel (1739-1775), British astronomer and botanist at Oxford; later with the Board of Longitude, London. (*I. Lyons*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 342; Barnhart 2: 416; BB p. 196; Dawson p. 669, 944; Desmond p. 401; DNB 34: 357; Dryander 3: 136, 5: 340; Henrey 2: 54, 55, 256, 3: 79; Jackson p. 249; Kew 3: 525; PR 5703 (ed. 1: 6379); Rehder 5: 529; Tucker 1: 446.
Allibone, S. A., Crit. dict. Engl. Litt. 1149. 1870.
Baines, J. E., Vict. Natural. 90: 229. 1973 (epon.).
Gorham, G. C., Mem. John and Thomas Martyn 122. 1830 (fide Desmond).
Poggendorff, J. C., Biogr.-lit. Handw.-Buch 1: 1524. 1863 (d. 1 Mai 1775).

EPONYMY: *Lyonsia* R. Brown (1810); *Lyonsiaephyllum* H. Deane (1907).

5137. Israelis Lyons, Jun. *Fasciculus plantarum circa Cantabrigiam* nascentium, quae post

Rajum observatum fuere. Londini (prostant venales apud A. Millar ... B. Dod, ... Gul. Thurlbourn et J. Noodyer et T. et J. Merril ...) 1763. Oct. (*Fasc. pl. Cantabr.*).
Publ.: Jul-Dec 1763(p. xvi: Jul 1763), p. [i]-xvi, [1]-56. *Copies*: G, NY, USDA; IDC 5138.

Lyons, John Charles (1792-1874), British botanist and orchid grower at Ladiston. (*J. Lyons*).

HERBARIUM and TYPES: Unknown. Letters at K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 416; BB p. 196-197; BM 3: 1203; Desmond p. 401; DNB 34: 358; Herder p 287, 361; Jackson p. 138, 413, 576; Kew 3: 525; PR 5702; TL-2/3015.
Wilson, G., J. R. Hortic. Soc. 68(6): 175-178. 1943 (on his *Rem. manag. Orchid. pl.*); Orchid. Rev. 1943: 102-106 (id.; d. 3 Sep 1874).

COMPOSITE WORKS: Horticultural text for J. D. Hooker, *Cent. orchid. pl.* 1851, TL-2/3015.

5138. *Remarks on the management of Orchidaceous plants,* with a catalogue of those in the collection of J. C. Lyons, Ladiston. Alphabetically arranged, with their native countries, and a short account of the mode of cultivation adopted [Ladiston] 1843. Oct. (in fours) (*Rem. manag. Orchid. pl.*).
Ed. 1: 1843 (p. [vii]: 1 Feb 1843), Front., p. [i-vii], [1]-196. *Copy*: NY.
Ed. 2: 1845 (p. ix: Mai 1845), p. [i]-xv, [17]-234. *Copies*: G, NY. – "*A practical treatise on the management of orchidaceous plants,* with a monthly calendar of work to be done, and an alphabetical descriptive catalogue of upwards of one thousand species; with directions for their growth and flowering. (second edition greatly enlarged.) ... London (J. Ridgway, ...), Dublin (Hodges and Smith ...) 1845.

Lyttkens, August (1845-1925), Swedish botanist and agriculturist; at Nydala near Halmstad 1876-1913.
(*Lyttkens*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 417; BL 2: 512-513, 686; Bossert p. 246 (b. 14 Jan 1845, d. 20 Sep 1925); CSP 16: 933; KR p. 479-480.
Osvald, H., *in* R. E. Fries, Short hist. bot. Sweden 138-139. 1950.
Wittrock, V. B., Acta Horti Berg. 3(2): 61. 1903 (b. 14 Jan 1845), 3(3): 43. 1905.

5139. *Om Svenska ogräs,* deras förekomst och utbredning intagande af uppgifter om ogräs frön i fröanalysbevis ... Norrköping (Norrköpings Tidningars Aktiebolag) 1885. Oct. (*Sv. ogräs*).
Publ.: 1885, p. [1]-113. *Copy*: NY. – Nat. Nov. Apr(1) 1888 mentions a reissue dated 1888 (Lund).

5140. *Svenska växtnamn* ... Stockholm [vol. 2: C. E. Fritze's Kgl. Hofbokhandel i distribution] 1904-1915. 3 vols. Oct. (*Sv. växtnamn*).
Publ.: in 10 parts, 1904-1915. In 3 vols.: 1: [i]-xix, [1]-519, 2: [521]-1168, 3: [i, iii], 1169-1891. *Copy*: U. – See BL for additional details.

vol.	part	pages	date	Bot. Not.	vol.	part	pages	date	Bot. Not.
1	1	1-168	1904	15 Feb 1905	2	6	865-1024	1911	1 Nov 1911
	2	169-320	1905	15 Dec 1905		7	1025-1168	1911	10 Feb 1912
	3	321-519	1905	15 Dec 1905	3	8	1169-1328	1912	16 Dec 1912
2	4	523-688	1907	1 Apr 1908		9	1329-1605	1913	1 Nov 1913
	5	689-864	1910	15 Sep 1910		10	1606-1891	1915	

5141. *Namlista över Svenska växtnam* på Gagn- och ogräsväxter i överensstämmelse med den av kungl. lantbruksstyrelsen fastställda normalförteckningen utgiven med tillägg ...

Stockholm (A. B. Sandbergs bokhandel . . .) [1907]. Oct. (in fours). (*Namnlista Sv. växtnam*). *Publ.*: Jun 1907 (p. [2]: Jan 1907; Nat. Nov. Jul (2) 1907), p. [1]-43. *Copy*: NY. – See also above, TL-2/5140, *Sv. växtnamn.*

Maack, [Maak], **Richard** (Karlovic) (1825-1886), Estonian-born Russian botanist of Baltic-German origin at St. Petersburg; collected in Siberia. (*Maack*).

HERBARIUM and TYPES: LE; duplicates GH, K, LY, MW, OXF, PR, U.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 193-194; Backer p. 343; Barnhart 2: 417; BJI 2: 109; BM 3: 1203-1204; Bret. p. 612; Clokie p. 204; CSP 4: 143-144; Hortus 3: 1199 ("Maack"); IH 2: 475; Maiwald p. 122; MW p. 287; PR (alph.); Rehder 5: 530; TR 837-838; Tucker 1: 447; Zander ed. 10, p. 687, ed. 11, p. 783.
Anon., Bonplandia 10: 272. 1862 (on his Reise am Ussuri); Bull. Soc. bot. France 7: 143. 1860; Flora 48: 172-173. 1865.
Borodin, I., Trav. Mus. bot. St. -Pétersb. 4: 70-71. 1908.
Candolle, Alph. de, Phytographie 430. 1880.
Christiansen, W. & W., Bot. Schrifttum Schlesw.-Holst. 317. 1936.
Herder, F., von, Bot. Jahrb. 9: 430, 440. 1888; Bot. Centralbl. 55: 266. 1893, 58: 391. 1894 (coll. LE).
Lindemann, E. von, Bull. Soc. imp. Natural. Moscou 61(1): 44. 1886 (material at MW).
Lipschitz, S., Florae URSS fontes 1975, nos. 1754, 1857, 1858.
Varep, E., Eesti Loodus 18: 527-529. 1975 (biogr., portr., b. 23 Aug/4 Sep 1825, d. 13/25 Nov 1886; biogr. rep.).

NOTE: E. Regel (q.v.), *Tentamen florae Ussuriensis* (1861) is based on Maack's collections. See e.g. BM 3: 1204 for Maack's travelogues (in Russian).

EPONYMY: *Maackia* Ruprecht (1856).

Maas Geesteranus, Rudolf Arnold (1911-x), Dutch mycologist and lichenologist; Ph. D. Leiden 1947; at the Leiden Rijksherbarium until 1976. (*Maas G.*).

HERBARIUM and TYPES: L.

BIBLIOGRAPHY and BIOGRAPHY: Bossert p. 247; (b. 20 Jan 1911) GR p. 70, *pl.* [32], cat. p. 67; IH 2: 475; Kew 3: 526; Roon p. 72; SBC p. 126 ("Maas G.").
Brummelen, J. van & C. Bas, Persoonia 8: 335-343. 1976 (biogr., bibl., portr.).
Hawksworth, D. L. & Seaward, M. R. D., Lichenol. Brit. Isles 115. 1977.
Jacobs, M., Fl. males Bull. 30: 2740. 1977.
Kalkman, C. & P. Smit, eds., Blumea 25(1): 19, 84. 1979.
Maas Geesteranus, R. A. M., Revision of the lichens of the Netherlands, I. Parmeliaceae. Leiden (Eduard Ijdo N.V.) 1947 (publ. 16 Nov 1947; viii, 149 p., 3 p. theses).
Petersen, R. H., Taxon 24: 519-520. 1975.

Maatsch, Richard Franz Theodor (1904-x), German horticulturist; studied at the Berlin-Dahlem Horticultural College 1928-1931; manager of the floricultural experiment station of this college 1931-1946; at the Humboldt University 1946-1949; from 1949-1973 professor of floriculture and director of the Floricultural Institute of the Technical University at Hannover (*Maatsch*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BFM 3008; Bossert p. 247; Kew 3: 527; MW p. 287; Zander ed. 10, p. 687, ed. 11, p. 783-784.
Renard, Gartenwelt 69: 504-505. 1969.
Zimmer, K., Chron. hort. 14(3): 47. 1974 (portr., brief biogr., b. 4 Dec 1904).

COMPOSITE WORKS: Editor of *Pareys illustr. Gartenbaulexikon*, ed. 5, 1956 and of R. Schlechter, *Die Orchideen*, ed. 3, 1971-x.

Mabille, [Jules] Paul (1835-1923), French botanist and entomologist; high school teacher at Bastia, Corsica (*Mabille*).

HERBARIUM and TYPES: Unknown; material in several herbaria, especially his *Herbarium corsicum,* cent. 1-4, 1865-1868, nos. 1-400. The indication that Debeaux and Revelière participated in the publication of this series of exsiccatae (printed and numbered labels) is erroneous and stems from a misinterpretation by de Candolle, corrected in PFC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 417; BL 2: 140, 166, 686; BM 3: 1204 (the "botanist" and "entomologist" were the same man!), 7: 767; Clokie p. 204; CSP 4: 144, 8: 286, 10: 667-668, 12: 468-469, 16: 937; IH 2: 475-476; Jackson p. 142, 282; Kew 3: 527; PFC 1: lv, xlvii, 3(1): ix; PR 5704-5705; Rehder 5: 531; Saccardo 1: 98, 2: 64, cron. xxv; Tucker 1: 447; Urban-Berl. p. 371.

Anon., Bull. Soc. bot. France 12(bibl.): 192. 1865, 13(bibl.): 144. 1866 (on Herbarium corsicum), 25(bibl.): 132. 1878; Bull. Soc. entom. France 1923(7): 102. (d. 6 Apr 1923); Entom. News 34: 256. 1923 (d. 6 Apr 1923); Österr. bot. Z. 15: 335. 1865 (Herb. corsic.); Rev. bryol. 22(5): 65-66. 1895 (on bryol. coll. Corsica).
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Candolle, Alph. de, Phytographie 430. 1880.
Carpenter, M. M., Amer. Midl. Natural. 33(1): 63. 1935 (biogr. refs.).
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Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 105. 1970 (coll. et E).
Musgrave, A., Bibl. Austral. entom. 206-207. 1932 (bibl.).
Tourlet, E. H., Doc. hist. bot. Touraine 100. 1905 (high school teacher at Tours 1873/74).

5142. *Catalogue des plantes qui croissent autour de Dinan* et de Saint-Malo avec notes et descriptions pour les espèces critiques ou nouvelles . . . Bordeaux (Chez Coderc, Degréteau et Poujol, . . .) 1866. Oct. (*Cat. pl. Dinan*).
Publ.: 1866, p. [i], [1]-160. *Copy*: G. – Actes Soc. Linn. Bordeaux 25(6): 489-644. 1866.

5143. *Recherches sur les plantes de la Corse* . . . Paris (F. Savy, . . .) 1867. Oct. (*Rech. pl. Corse*).
Fasc. 1: 1867 (Flora 8 Oct 1867, "Neuigkeit"), p. [1]-34.
Fasc. 2: 1869 (BSBF rd. after 1 Nov 1869), p. [i], 35-47.
Copies: G(2), NY.

McAlpine, Daniel (1849-1932), Scottish-born Australian mycologist; lecturer in botany, Heriot Watt College, Edinburgh 1877; at Ormond College, Melbourne University 1884; at the College of Pharmacy, Melbourne; plant pathologist to the Victorian Government 1890-1915. (*McAlpine*).

HERBARIUM and TYPES: VPRI; Some material also at B and PAV. – At Burnley (Hawksworth).

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 230-231, 324; Barnhart 2: 117 (b. 21 Jan 1848, d. 12 Oct 1932); BM 3: 1205, 7: 768; Bossert p. 259; CSP 16: 940; Desmond p. 402 (*b.* 1848); Hawksworth p. 184; HR; IH 2: 476; Jackson p. 64, 489; Kelly p. 147, 255; Kew 3: 527-528; LS 17509-17606, 36808-36838, suppl. 17822-17832; NAF 7(15): 1076; Rehder 5: 531; Stevenson p. 1250; Tucker 1: 447; Urban-Berl. p. 278.

Ainsworth, G. C., Dict. fungi ed. 6, p. 339. 1971.
Anon., Australas. J. Pharm. ser. 2. 13: 933, 1037. 1932.
Anderson, C., Proc. Linn. Soc. N.S.W. 58(1/2): iv. 1933.
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Butler, E. J., Trans. brit. mycol. Soc. 14(1/2): 2-4. 1929.
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Whetzel, H. H., Hist. phytopathology 91. 1918 (portr.).
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EPONYMY: *Macalpinia* J. C. Arthur (1906); *Macalpinomyces* R. F. N. Langdon & R. A. Fullerton (1977).

5144. Department of Agriculture, Victoria. *Systematic arrangement of Australian fungi,* together with host-index and list of works on the subject ... Melbourne (Robt. S. Brain, Government Printer) 1895. Oct. (*Syst. arr. Austral. fungi*).
Publ.: 1895 (Nat. Nov. Sep(1) 1895; p. vi: 1 Jan 1895), p. [i]-vi, [1, cont.], [1]-236, [1, err.], *Copies*: BR, MO, NY, PH, Stevenson, US, USDA.

5145. Department of Agriculture, Victoria, *Additions to the fungi on the vine in Australia* (with 80 figures) ... Melbourne (by authority: Robt. S. Brain, ...) [1898]. Oct. (*Add. fungi vine Australia*).
Co-author: Gerald H. Robinson.
Publ.: 1898 (Hedwigia 25 Jun 1898), p. [1]-54, *pl. 1-10* (uncol., auct.). *Copy*: Stevenson.

5146. Department of Agriculture, Victoria, *The rusts of Australia* their structure, nature, and classification ... with 55 plates (including 366 figures). Melbourne (Robt. S. Brain, Government Printer) 1906, 16-mo. (*Rusts Australia*).
Publ.: Mar-Jun 1906 (p. vi: Mar 1906; J. Bot. Aug 1906; Bot. Centralbl. 7 Aug 1906), frontisp., p. [i]-vi, [1, cont.], [1, h.t.], [1]-349, *pl. A-J, 1-44. Copies*: G, L, Stevenson, USDA.
Ref.: A. L. S., J. bot. 44: 282-283. Aug 1906.
Cotton, A. D., Bot. Centralbl. 102: 385-386. 1906 (rev.).

5147. Department of Agriculture, Victoria. *The smuts of Australia* their structure, life history, treatment and classification ... with 312 illustrations. Melbourne (J. Kemp, Government printer) [1910], 16-mo. (*Smuts Australia*).
Publ.: 1910 (p. vi: Apr 1910; Bot. Centralbl. 30 Apr 1912; Mycol. Centralbl. 15 Mai 1912), p. [i], frontisp., [iii]-vi, [1], [1]-285, *pl. 1-56. Copies*: B, NY, Stevenson, USDA.

M'Andrew [McAndrew], **James** (1836-1917), British school-teacher and botanist. (*M'Andrew*).

HERBARIUM and TYPES: E (mosses, lichens); further material at DFS, MANCH, OXF.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 417; BB p. 197; BL 2: 305, 313, 687; Clokie p. 204; CSP 12: 469, 16: 940-941; Desmond p. 402; GR p. 404; IH 2: 476; LS 16746-16748; 36839, suppl. 17833; Rehder 1: 534; Tucker 1: 447.
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Kent, D. H., Brit. herb. 67. 1957 (Brit. herb. at DFS).
Sayre, G., Bryologist 80: 513. 1977.

COMPOSITE WORKS: Contributed to G. F. Scott-Elliot, *The flora of Dumfriesshire* 1896, q.v.

5148. *A list of the flowering plants of Dumfriesshire* & Kirkcudbrightshire, compiled for the Dumfriesshire and Galloway Natural History and Antiquarian Society. By James M'Andrew, ... Dumfries (printed at the Herald Office) 1882. Qu. (*List. fl. pl. Dumfriesshire*).
Publ.: Sep-Nov 1882 (p. [6]: 1 Mai 1882; J. Bot. Dec 1882), p. [1]-51, [52]. *Copy*: NY.

McArdle, David (1849-1934), Irish plant collector and clerk at the Botanic Gardens Glasnevin 1869-1923 (*McArdle*).

HERBARIUM and TYPES: BM; further material at DBN (3000 bryoph., mostly hepat. from Ireland), and E.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 417 (b. 28 Nov 1849); BM 7: 768; CSP 10: 670, 16: 941; GR p. 754 (d. 2 Jun 1934); IH 2: 476; SBC p. 126 ("McArd.").
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Praeger, R. L., Proc. Roy. Irish Acad. 7: cxxix. 1901 (bibl.); Irish Natural. J. 5: 182. 1935; Some Irish naturalists 123. 1949.
Rendle, A. B., J. Bot. 72: 292. 1934.
Verdoorn, F., Chron. bot. 1: 195. 1935 (d. 2 Jun 1934).

COMPOSITE WORKS: (1) *Lichens* (p. 110-114) in Praeger, R. L., Contr. nat. hist. Lambay County, Irish Natural. 16, 1907.
(2) *Lichens* (p. 100-102) in G. A. J. Cole and R. L. Praeger, Handb. City Dublin, Sep 1908.

Macarthur, (Sir) **William** (1800-1882), Australian horticulturist and botanist; commissioner to the Paris Exhibition of 1855; active as a farmer at Camden Park, New South Wales. (*W. Macarthur*).

HERBARIUM and TYPES: MEL; further material at BM, CGE, FI and K.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 343; Barnhart 2: 417 (b. 16 Dec 1800, d. 29 Oct 1882); BB p. 197; BM 3: 1205, 7: 768; Desmond p. 402; DNB 34: 402; HR; IH 2: 476; PR 5706; Rehder 5: 531; SK 1: 334-335; Tucker 1: 447.
Anon., Austral. Enc. 5: 406. 1965.
Hall, N., Bot. Eucalypts 87. 1978.
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Maiden, J. H., J. Proc. Roy. Soc. N. S. W. 42: 111-112. 1908; Rep. A.A.A.S. Sydney 13(D): 231, *pl. 21*. 1911.
Mennell, P., Dict. Austral. biogr. 287. 1892.
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Onslow, S. M., Some early records of Macarthurs of Camden 1914 passim (fide Desmond).

EPONYMY: *Macarthuria* Hügel ex Endlicher (1837).

5149. New South Wales (Nouvelle Galle du Sud) Australie. *Catalogue des collections de bois indigènes* des différents districts de cette colonie . . . Paris (Imprimerie horticole de J.-B. Gros, . . .) [1855] (*Cat. coll. bois. indig.*).
Co-author (actually: other collector): Charles Moore (1820-1905).
Publ.: 1855, p. [1]-23. *Copies*: BR, WU; Mitchell Library, Sydney. – Lists collections made by Macarthur and (separately) by Moore. Macarthur was the N.S.W. representative at the 1855 Paris "Exposition"; Ch. Moore was at the time director of the Sydney botanical garden. The brochure (single gathering) lists the species with brief descriptions of the wood; (listed by BM under Paris, 4: 1512).

McAtee, Waldo Lee (1883-x), American entomologist, botanist and ornithologist, A. M. Indiana Univ. 1906; with USDA in various functions 1904-1947. (*McAtee*).

HERBARIUM and TYPES: US; further material at NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 118 (b. 21 Jan 1883); BL 1: 132, 172, 173, 185, 188, 205, 306; GR p. 230-231; IH 2: 476; Pennell p. 613; Tucker 1: 447.
Osborn, H., Fragm. entom. hist. 107, 120, 213, 340. 1937 (portr.).

NOTE: M. published *A review of the nearctic Viburnum*, Chapel Hill, North Carolina, 1956, iv, 125 p., 9 pl.

5150. *A sketch of the natural history of the District of Columbia* together with an indexed edition of the U. S. Geological Survey's 1917 map of Washington and vicinity . . . Washington, D. C. May, 1918. Oct. (*Sketch hist. Distr. Columbia*).
Publ.: Mai 1918, p. [1]-142, map. *Copy*: USDA. – Bulletin of the Biological Society of Washington no. 1.

Macbride, James (1784-1817), American botanist and physician; practicing in Pineville and Charleston, South Carolina. (*J. Macbr.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 418 (b. 17 Apr 1784, d 21 Sep 1817); CSP 4: 148; Lenley (Torrey) p. 463; LS 16152-16153; ME 1: 208, 3: 619.
Allibone, S. A., Crit. Dict. Engl. lit. Brit. Amer. auth. 1161. 1870.
Anon., Appleton's Cycl. Amer. biogr. 4: 74. 1888.
Darlington, W., Reliq. Baldw. 146, 193, 341. 1843.
Elliott, S., Sketch bot. S. Carolina 2: vii-viii. 1824.
Gee, W., Bull. Univ. S. Carolina 72: 33-34. 1918.
Gray, A., *in* Hooker, W. J., London J. Bot. 1: 13. 1842.
Kelly, H. A., Cycl. Amer. med. biogr. 2: 119. 1912; Some Amer. med. bot. 118-120. 1914, 1929.
Kelly, H. A. and W. L. Burrage, Amer. med. biogr. 725. 1920.
Rogers, D. P., Brief hist. mycol. N. America 8. 1977.

EPONYMY: *Macbridea* Elliott ex Nuttall (1818); *Macbridea* Rafinesque (1818).

Macbride, James Francis (1892-1976), American botanist; A. B. Univ. Wyoming 1914; later at the Gray Herbarium and the Field Museum; worker on the flora of Peru. (*Macbr.*).

HERBARIUM and TYPES: F. For duplicates see IH. The types of Nelson and Macbride. Western plant studies (in Bot. Gaz.) are mainly at GH with duplicates at POM and WYO.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 418, (b. 19 Mai 1892); BJI 2: 109; BL 1: 256, 306; BM 7: 769; Bossert p. 247; CSP 4: 148; Hortus 3: 1199 ("Macbr."); IH 1 (ed. 6): 361, 2: 476-477; Kew 3: 529; Langman p. 463; LS 16152-16153; MW p. 287; NAF 28B(2): 344; NW p. 52; PH 209, 494; TL-2/2693; Tucker 1: 447; Zander ed. 10, p. 687, ed. 11, p. 784.
Anon., Madroño 23: 456. 1976; Taxon 25(5/6): 588. 1976 (d. 15 Jun 1976).
Ewan, J., Rocky Mt. Natural. 255-256. 1950.
Hedge, I. C. & J. M. Lamond, Ind. coll. Edinb. herb. 105. 1970.
Reifschneider, O., Biogr. Nevada Bot. 1844-1963, p. 86-87. 1964.
Reveal, J., *in* A. Cronquist et al., Intermountain flora 1: 61-62. 1972 (portr.).

EPONYMY: *Macbrideina* Standley (1929).

5151. *Common wild flowers* . . . Chicago (Field Museum of Natural History) 1924. (*Common wild fl.*).
Publ.: Oct 1924, p. 1-123, with second pagination for each part: *Spring wild flowers,* cover, front., 1-32, 29 photos (leaflet number 7), *Spring and early summer wild flowers,* cover, front., [1]-30, 29 photos (leaflet number 8), *Summer wild flowers,* cover, front., [1]-30, 30 photos (leaflet number 9), *Autumn flowers and fruits,* cover, front., [1]-29, 30 photos (leaflet number 10). *Copy*: US.

5152. *Flora of Peru* . . . Botanical series Field Museum of Natural History volume xiii . . . Chicago, U.S.A. [Field Museum of Natural History] 1936-x. Oct. (*Fl. Peru*).

Part 1 *(1)*: 27 Jan 1936, frontisp., p. [1]-320, [1-2, index].
(2): 17 Aug 1960, p. [i-ii], 321-418.
(3): 26 Aug 1936, p. [419]-768, [1-2, index].
Part 2 *(1)*: 10 Jun 1936, p. [i], [1]-253.
(2): 15 Mar 1937, p. [255]-661, i-ii.
(3): 31 Oct 1938, p. [663]-1162.
Part 3 *(1)*: 11 Oct 1943, p. [1]-507, i-ii.
(2): 18 Mar 1949, p. [509]-777, i.
(3): 17 Nov 1950, p. [779]-999.
Part 3a *(1)*: 17 Oct 1951, p. [1]-288, i-ii.
(2): 21 Dec 1956, p. [289]-744, i-ii.

Part 4 *(1)*: 30 Jun 1941, p. [1]-566, [i]-ii.
(2): 28 Nov 1958, p. [567]-818, i, by Rogers McVaugh (1909-x).
Part 5 *(1)*: 23 Dec 1959, p. [1]-536, [i]-ii.
(2): 9 Dec 1960, p. [537]-854, [i]-ii.
Part 5a *(1)*: 31 Jul 1962, p. [1]-96, by Mildred E. Mathias (1906-x) and Lincoln Constance (1909-x).
(2): 10 Nov 1967, p. [97]-131, by Dorothy N. Gibson.
(3): 27 Feb 1970, p. [133]-177, by Charles Baehni (1906-1964) and Luciano Bernardi.
Part 5b *(1)*: 11 Mai 1962, p. [1]-267, by J. Francis Macbride.
(2): 18 Jan 1967, p. [269]-458, by Donovan S. Correll (1908-x).
(3): 21 Mai 1971, p. [459]-717, by Gabriel Edwin (1926-x).
Part 5c *(1)*: 18 Oct 1961, p. [1]-104, by J. Francis Macbride.
Part 6 *(1)*: 18 Sep 1936, p. [1]-261, i, by J. Francis Macbride.
(2): 29 Oct 1937, p. [263]-491, [i]-ii, by id.

Copies: G, L, NY, U.

Macbride, Thomas Huston (1848-1934), American mycologist, M. A. Monmouth College 1873; Ph. D. h. c. Bonn 1891; at Lennox College 1870-1878; from 1878 at the University of Iowa. (*T. Macbr.*).

HERBARIUM and TYPES: IA; duplicates at BM.

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McCalla [M'Calla], **William** (1814-1849), Irish schoolmaster and algologist at Roundstone, Connemara. (*W. McCalla*).

HERBARIUM and TYPES: Material at K and TCD; types of algae at DBN (Koster). Exsiccatae: *Algae hibernicae*, vol. 1, nos. 1-50, vol. 2, nos. 1-50, Dublin 1848, sets at CGE, DBN, E, FH, K, NY, OXF, PC, TCD.

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McCalla, William Copeland (1872-1962), Canadian teacher, botanist and farmer; from 1922-1925 librarian at Edmonton Normal School; from 1925-1938 teaching natural history at the Normal School of Calgary; LL. D. h.c. Univ. Alberta 1956. (*W. C. McCalla*).

HERBARIUM and TYPES: fungus herbarium at ALTA; other collections also in ALTA and OLDS (duplicates see IH). For Rocky Mountain collections see Ewan (1950).

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McCarthy, Michael Gerald (1858-1915), American botanist; at North Carolina Agricultural Experiment Station 1888-1897; on North Carolina Board of Agriculture 1897-1907; D.Sc.h.c. Gallaudet Coll. 1904 (*McCarthy*).

HERBARIUM and TYPES: in many herbaria (see IH), e.g. KSC and US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 419 (orig. info.; b. 1 Dec 1858, d. 8 Sep 1915); BL 1: 205, 306; Clokie p. 204; IH 2: 477-478; LS 36844-36849; Pennell p. 613; Tucker 1: 447.
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Co-author: Thomas Fanning Wood (1841-1892).
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MacCaughey, Vaughan (1887-1954), American botanist; B. A. Cornell Univ. 1908; active in various functions in Hawaii. (*MacCaughey*).

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HERBARIUM and TYPES: PAD.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 419 (b. 22 Jun 1852, d. 16 Feb 1921); BL 2: 343, 360, 686; CSP 10: 670-671, 12: 469, 16: 944-945 (bibl.); De Toni 1: lxxx, 2: lxxvii, cxxxi, 4: xxxvii-xxxviii; IH 2: 478; LS 16171-16177; Morren ed. 10, p. 83 (at Cuneo); Rehder 5: 531; Saccardo 1: 99; SBC p. 126 ("Macch."); Stevenson p. 1250.
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McClatchie, Alfred James (1861-1906), American agriculturist and horticulturist; B. A. Univ. Nebraska, M. A. Olivet Coll. 1889; professor of agriculture Univ. Arizona 1898; later at the Throop Polytechnic Institute, Pasadena (*McClat.*).

HERBARIUM and TYPES: NY (fungus herb.); other material at DS, NYS and UC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 419; BL 1: 168, 307; BM 3: 1206; Bossert p. 259 (d. 11 Feb 1906); CSP 16: 945; GR p. 231; Hortus 3: 1199 ("McClat."); IH 2: 478; LS 17608-17610; Rehder 5: 511; TL-2/2456; Tucker 1: 447.
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M'Clelland [McClelland], **John** (1805-1883), British physician and zoologist in the Bengal Medical Service (1846-1865), also superintendent of the Calcutta gardens. (*M'Clell.*).

HERBARIUM and TYPES: K; other material CAL, E, L, U.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 343; Barnhart 2: 420 (d. 11 Jul 1883); BB p. 197; BM 3: 1206; CSP 4: 149-150; Desmond p. 403; Herder p. 21; Hortus 3: 1199 ("McClell."); IH 2: 478; Jackson p. 384; Kew 3: 530; Lasègue p. 432; NI 1255; NW p. 52; PR 5707-5709 (ed. 1: 6382-6383); Rehder 5: 531; TL-2/1: 445, 2166-2170; Tucker 1: 447; Zander ed. 10, p. 690, ed. 11, p. 787.
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EPONYMY: *Macclellandia* R. Wight (1853).

McClintock, Elizabeth May (1912-x), Californian botanist at the Californian Academy of Sciences, San Francisco. (*McClint.*).

HERBARIUM and TYPES: CAS.

BIBLIOGRAPHY and BIOGRAPHY: Bossert p. 259; Hortus 3: 1199 ("McClint."); IH 1 (ed. 6): 361, 2: 478; Kew 3: 532; Langman p. 490; Roon p. 75; TL-2/3559; Zander ed. 10, p. 690, ed. 11, p. 787.
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McClure, Floyd Alonzo (1897-1970), American economic botanist and taxonomist who resided in China, at Lingnan University Canton 1919-1940; from 1941 at the Smithsonian Institution, Washington, D.C., specialist on bamboo. (*McClure*).

HERBARIUM and TYPES: Main set at US; status of set in JBSC unclear. See IH for duplicates; types at US fide statement McClure (3.2.62) in IH archives.

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McCormick, Robert (1800-1890), British navy surgeon and explorer who collected on the arctic expedition of W. E. Parry and the antarctic expedition of J. C. Ross. (*McCormick*).

HERBARIUM and TYPES: BM.

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McCoy, (Sir) **Frederick** (1817-1899), Irish-born palaeontologist; from 1854 at Melbourne as professor of natural sciences; D. Sc. Cantabr. 1886. (*McCoy*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 298; Barnhart 2: 421; BB p. 198; BM 3: 1207; CSP 4: 151-152, 8: 289-290, 10: 672, 16: 948; Desmond p. 404; DNB suppl. 1(3): 119; HR; Kew 3: 533; Quenstedt p. 286.
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EPONYMY: *Maccoya* F. von Mueller (1859).

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McDermott, Laura Frances (1882-1923), American botanist; M. Sc. Univ. Calif. 1907; later high school teacher at San Diego. (*McDermott*).

HERBARIUM and TYPES: Unknown.

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MacDougal, Daniel Trembly (1865-1958), American botanist, Ph. D. Purdue Univ.; lecturer Univ. Minnesota 1893, ass. prof. bot. id. 1895; director laboratory of the New York Botanical Garden 1899-1905; director of the Desert Laboratory, Tucson, Arizona 1905-1928. (*MacDougal*).

HERBARIUM and TYPES: Mainly at US; duplicates in BM, E, F, MIN, NY, PH, TEX, U.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 422; BM 3: 1208; Bossert p. 247; CSP 16: 951; IH 1(ed. 6): 361, 2: 480; Kleppa p. 46; Langman p. 463-464; Lenley p. 274-275; LS 16178-16180, 36348-36350; Moebius p. 225, 333; Pennell p. 612; TL-2/2959; Tucker 1: 448; Urban-Berl. p. 371; Zander ed. 10, p. 690.
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EPONYMY: *Macdougalia* Heller (1898).

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Ref.: Harshberger, J. W., Torreya 5: 147-149. 1905 (rev.).
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Co-authors: Anna Murray Vail (1863-1955); George Harrison Shull (1874-1954).
Publ.: 1907, p. [i], [1]-92, *pl. 1-22. Copy*: US.

5165. *Botanical features of North American deserts* . . . Washington, D. C. (Published by the Carnegie Institution of Washington) 1908. Oct. (*Bot. N. Amer. deserts*).
Publ.: 1908 (TBC 29 Jan 1909; Bot. Centralbl. 23 Feb 1909), p. [i-iv], 1-111, *pl. 1-62. Copy*: USDA. – Carnegie Institution of Washington publication no. 99.
Ref.: Peter, Bot. Zeit. 67(2): 191-195. 1909.

MacDougall, Thomas Baillie (1895-1973), Scottish-born American plant collector, explorer and anthropologist (*T. MacDougall*).

HERBARIUM and TYPES: E, NY, US. Manuscripts at American Museum of Natural History.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 423; IH 2: 480; Langman p. 464-465; Zander ed. 11, p. 784 (b. 9 Dec 1895, d. 17 Jan 1973).
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McDougall, Walter Byron (1883-x), American ecologist and botanist; Ph. D. Univ. Mich. 1913; professor of botany at the University of Illinois; later botanist with the National Park Service until 1953. (*W. McDougall*).

HERBARIUM and TYPES: Material at ILL, TEX, US, USFS.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 423; BL 1: 223, 307; Bossert p. 260 (b. 10 Dec 1883); IH 2: 480; Kelly p. 147; LS suppl. 17916; Pennell p. 613; Stevenson p. 1251.
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Murrill, W. A., Hist. found. bot. Florida 32, 43. 1945.

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Publ.: 1925, p. [i-ii], front., [iii]-viii, [1]-151, *89 pl. Copies*: FH, Stevenson, USDA.

5167. State of Illinois ... *Fieldbook of Illinois wild flowers* six hundred fifty of the more common flowering plants in the state. Illinois Natural History Survey manual 1. Urbana, Illinois (... Natural History Survey Division ...) 1936. Oct. (*Fieldb. Illinois fl.*).
Publ.: Mar 1936 (p. viii: 1 Jun 1935), p. [i]-x, 1-406, [1]. *Copy*: USDA.

5168. *Plants of Yellowstone National Park* ... Washington, D. C. (United States Government Printing Office) 1936. Oct. (*Pl. Yellowstone Natl. Park*).
Co-author: Herma Geneva Baggley (née Albertson) (1896-x).
Publ.: 1936, p. [i]-iv, [1]-160, *pl. 1-6. Copies*: PH, US(3), USDA.

Macedo, [Manuel?] **Antonio de** (*fl.* 1867), French (?) botanist.

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1208; CSP 8: 291; Jackson p. 208; Kew p. 536; PR 10600; Rehder 3: 324; Tucker 1: 448.

5169. *Notice sur le palmier Carnauba* par M. A. de Macedo. Paris (Typographie de Henri Plon, ...) 1867. Oct. (*Notice palm. Carnauba*).
Publ.: 1867 (Flora 11 Sep 1867), p. [1]-46. *Copies*: FI, KNAW, NY.

MacElwee, Alexander (1869-1923), Scottish-born gardener and botanist; in the United States from 1883; curator of botanical collections, Philadelphia College of Pharmacy 1894-1901; gardener on private estates 1901-1916; landscape gardener of the city of Philadelphia 1917-1923. (*MacElwee*).

HERBARIUM and TYPES: PH; further material at DAO, KSC, MIN, MO, NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 423 (b. 28 Jan 1923); CSP 16: 954; Desmond p. 405; Pennell p. 613; Rehder 1: 317; Tucker 1: 448.
Anon., Bartonia 8: 35. 1924 (d. 23 Jan 1923; president of the Philadelphia Botanical Club), 22: 24. 1943.
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Trudell, H. W. & F. W. Pennell, Bartonia 9: 1-6. 1926 (obit., portr., d. 23 Jan 1923).

Macfadyen, James (1798-1850), Scottish botanist and physician in Jamaica from 1826 (*Macfady.*).

HERBARIUM and TYPES: K (partly); other material at B, BM, CGE, E, GOET, L, MO, OXF, P, U.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 343; Barnhart 2: 423; BB p. 198; BM 3: 1209, 7: 772; Clokie p. 204; Desmond p. 405; Herder p. 223; Hortus 3: 1199 ("Macfady."); IH 2: 481; Jackson p. 136, 370, 576; Kew 3: 537; Lasègue p. 327, 492, 503; LS 17612; PR 5712-5713 (ed. 1: 6386); Rehder 5: 532; RS p. 117; SO add. 8451; TL-1: 788; Tucker 1: 448-449; Zander ed. 10, p. 687, ed. 11, p. 784.
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Macfadyen, J., *in* W. J. Hooker, Bot. Misc. 2: 110-121. 1831 (bot. excurs. Jamaica), 3: 76-84. 1833 (fence plants).
Sargent, C. S., Silva 2: 73. 1891.
Stearn, W. T., J. Arnold Arb. 46: 267. 1965.
Urban, I., Symb. ant. 1: 98-100. 1898, 3: 79-80. 1902, 5: 8. 1904.

EPONYMY: *Fadyenia* W. J. Hooker (1840); *Fadyenia* Endlicher (1842); *Macfadyena* Alph. de Candolle (1845); *Neomacfadya* [sic] Baillon (1888).

5170. *The flora of Jamaica*; a description of the plants of that island, arranged according to the natural orders. With an appendix, containing an enumeration of the genera according to the Linnaean system, and an essay on the geographical distribution of the species ... London (Longman, Orme, Brown, Green & Longmans), Edinburgh (Adam & Charles Block), Glasgow (Sohn Smith & son) 1837, 1 vol. Oct. † (*Fl. Jamaica*).
1: 10 Oct 1837-8 Nov 1837, p. [i*], [i]-ix, [x-xi, tables], [1, note], [1]-351. *Copies*: G, L, NY, US(2), USDA; IDC 6048.
2: 1850?, p. [1]-216. *Copies*: BM(1-216), HH, K(1-192), MICH (p. 1-8), NY(1-144), HH and MO (xerox copies of BM). – The BM copy has a note by W. Carruthers: "The sheets of this second volume were printed in Jamaica. – The printing was stopped because of the sudden death of Dr. Macfadyen. – Only a few copies exist. – Dr. Macfadyen's son informed me that the sheets were used as waste paper by the executor of his father's will." Other copies of p. 1-216 are reported to be in Jamaica and in the possession of the Macfadyen family, and at least two of the known copies lack pages: the NY copy lacks pp. 49-56 and 65-72; the HH copy lacks pp. 91-92 and 95-96; HH also has a photocopy of the BM copy. We have seen no direct evidence that the copies cited by Fawcett & Rendle do indeed exist but it is not critical; for effective publication a minimum of two extant copies is needed: with this criterion p. 1-192 of vol. 2 could be accepted as effectively published.

In TL-1 the conclusion of W. T. Stearn, that the second volume was not effectively published, was adopted, an opinion shared by G. R. Proctor and C. D. Adams currently studying the flora of Jamaica. At least half the binomials which would affect presently accepted ones are Melastomaceae; workers with this and other families would have to take names into consideration which are now treated as synonyms or ignored. Grisebach, Eichler, Urban and Britton cited names from the second volume, often as synonyms, but their treatment of them is equivocal and inconsistent.

If one can consider the "intent" of the author posthumously, it seems clear that neither he nor his heirs were prepared to distribute vol. 2 at the time of his death nor afterward. This, added to the conclusion of present-day students of the flora, as well as the nomenclatural stability to be gained by rejecting it, argues for considering the second volume ineffectively published. We leave the final decision to those whose research is affected by the existence of this incomplete work.

Macfarlane, John Muirhead (1855-1943), Scottish-born American botanist; BSc. Edinburgh 1880, D. Sc. id. 1883; at Edinburgh, e.g. at the Royal Veterinary College, until 1891; from 1893-1920 professor of botany at the University of Pennsylvania at Philadelphia (*Macfarl.*).

HERBARIUM and TYPES: PENN, PH.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 343; Barnhart 2: 424; BJI 1: 38; BM 7: 772;

Bossert p. 247; CSP 10: 674, 16: 956-957; Desmond p. 405; Hirsch p. 184; Hortus 3: 1199 ("Macfarl."); IH 2: 481; Kew 3: 537-538; Morren ed. 10, p. 77; MW p. 287; NW p. 52; Pennell p. 613; PH p. 495 [index]; Rehder 5: 532; TL-2/1: 1713; Tucker 1: 449; Zander ed. 10, p. 687, ed. 11, p. 784.
Anon., The New York Times, Saturday, September 18. 1943; The Times 20 Sep 1943 (fide Desmond).
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COMPOSITE WORKS: Engler, *Pflanzenreich*:
(1) *Nepenthaceae,* IV. 111 (Heft 36): 1-92. *fig. 1-19.* 20 Oct 1908 (rev. W. Wangerin, Bot. Centralbl. 113: 501-503. 1910.
(2) *Sarraceniaceae,* IV. 110 (Heft 34): 1-39. *fig. 1-11.* 8 Mai 1908.
(3) *Cephalotaceae,* IV. 116 (Heft 47): 1-15. *fig. 1-4.* 14 Feb 1911.

McGibbon [MacGibbon], **James** (*fl.* 1848-1864), Scottish gardener; at the Cape of Good Hope for Kew from 1850. (*McGibb.*).

HERBARIUM and TYPES: K.

BIBLIOGRAPHY and BIOGRAPHY: BB p. 198; Desmond p. 405; IH 2: 481; Jackson p. 448; Kew 3: 538; Morren ed. 2, p. 32; PR 5714; Rehder 5: 532.
Bullock, A. A., Bibl. S. Afr. bot. 72. 1978.
Jackson, B. D., Bull. misc. Inf. Kew 1901: 43 (coll. K.).

5171. *Catalogue of plants in the botanic garden, Cape Town,* Cape of Good Hope . . . Cape Town (Saul Solomon and Co., . . .) 1858. Qu. (in fours). (*Cat. pl. bot. gard. Cape*).
Publ.: 1858, p. [i-viii], [1]-36. *Copy*: B-S.

MacGillivray, John (1822-1867), Scottish naturalist and explorer on various voyages to the Pacific and Malesian regions (Fly and Bramble 1842-1846, Herald 1852-1861, Rattlesnake 1846-1850); son of William MacGillivray (1796- 1852); a "man of intemperate habits" (Seemann). (*J. MacGillivray*).

HERBARIUM and TYPES: Mainly at BM and K; duplicates in B, BO, E, G, L, LA, MEL, MO, NY, P, W. – Mss. at Mitchell library, Sydney; mss. journal Herald at Admiralty Library, London.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 424; BB p. 198-199; BM 3: 1209; Bossert p. 247; CSP 4: 158; Desmond p. 406; DNB 35: 91; Hist. coll. BMNH: 1: 165; HR; IH 2: 481; Kew 3: 539; Rehder 5: 532; SK 1: 336-337, 8: lxii-lxiii; Tucker 1: 449; Urban-Berl. p. 321, 371.
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Calaby, J. H., Austral. Dict. Biogr. 2: 167-168. 1967 (b. 18 Dec 1821, most other sources say 18 Dec 1822).
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HANDWRITING: Austral. Zoologist 9: *pl. 5*. 1937.

MacGillivray, Paul Howard (1834-1895), Scottish botanist and zoologist; MA Aberdeen 1854; in Australia 1855, from 1857 practicing medicine at Bendigo, Victoria; son of William MacGillivray (1796-1852). (*P. MacGillivray*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 424; BB p. 199; BL 2: 293-204, 686; BM 3: 1209; CSP 4: 158, 8: 292, 10: 675, 16: 958; Desmond p. 406; HR; Jackson p. 248; Kew 3: 539; PR 5715; Rehder 5: 532.
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5172. *A catalogue of the flowering plants* and ferns growing in the neighbourhood *of Aberdeen* ... Aberdeen (J. A. Wilson, ...), Edinburgh (A. & C. Black, and Maclachlan & Stewart), Glasgow (R. Griffin & Co.), London (Whittaker & Co.) 1853. Oct. (in fours).
(*Cat. pl. Aberdeen*).
Publ.: 1853 (p. viii: Jan 1853), p. . [i]-viii, [1]-44. *Copies*: NY; IDC 7220.

MacGillivray, William (1796-1852), Scottish botanist and zoologist, MA Aberdeen 1815; at the Surgeons Museum Edinburgh 1831-1841; professor of natural history Aberdeen 1841-1852. (*W. MacGillivray*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 424; BB p. 199; BL 2: 294, 686; BM 3: 1209-1210, 7: 772; CSP 4: 159, 8: 292, 12: 470, 16: 958; Desmond p. 406; DNB 35 : 90; Henrey 3: 79; Herder p. 464; Jackson p. 39, 486, 576; Kew 3: 539; ME 1: 209, 3: 406; PR 5716 (ed. 1: 6387); Rehder 5: 532; SO 169, 2593c, 2684b; Tucker 1: 449.
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Woodward, B. B. *in* G. Murray, Hist. coll. BM(NH) 1: 41. 1904 (orig. zool. drawings).

COMPOSITE WORKS: (1) translated A. Richard, *Éléments de botanique* (1831).
(2) *An introduction to physiological and systematical botany*. By Sir James Edward Smith ... a new edition, with additions, by William MacGillivray, ... London 1836, see under J. E. Smith.

5173. *A systematic arrangement of British plants*; by Withering, M. D. Corrected and condensed; preceded by an introduction to the study of botany, accompanied with figures: by W. MacGillivray, ... London (J. F. Dove, ...), Edinburgh (D. Lizars), Dublin (Martin Keene & Son) 1830. Duod. (*Syst. arr. Brit. pl.*).
Author of original work: William Withering (1741-1799); the *Syst. arr. Brit. pl.* is an updated abridgement of Withering, *Bot. arr. veg. Gr. Britain.*
Ed. 1: 1830 (p. iv: 9 Jun 1830), p. [i]-iv, [5]-391, *pl. 1-10* (uncol.). *Copies*: NY, USDA.
Ed. 2: 1833 (n.v).
Ed. 3: 1835 (p. iii: 1 Aug 1835), p. [i]-viii, [5]-407, *pl. 1-9* (uncol.), *10* (col.). *Copies*: BR, NY. – Third edition. London (printed for Scott, Webster and Geary, ...) 1835. Duod. (in sixes).
Ed. 4: 1837 (p. viii: Jun 1837), p. [i]-viii, [5]-407, *pl. 1-9, 10* (id.). *Copy*: NY. – London (id.) 1837. Duod. (in sixes).
Ed. 5: 1841 (p. 6: 15 Oct 1840), p. [1]-43, [43 bis], 43*-44*, [45]-414, *pl. 1-9, 10* (id.). *Copies*: G, MO, NY. – London (id.) 1841 Duod. (in sixes).
Ed. 6: 1845 (p. 4: 31 Dec 1844, p. [iii]: Jan 1845), p. [i-iii], [1]-437, *pl. 1-9, 10* (id.). *Copies*: NY, US. – London (printed for Adam Scott ...) 1845. Duod. (in sixes).
Ed. 7: 1848 (p. [iii]: Mai 1848), p. [i-iii], [1]-437, *pl. 1-9, 10* (id.). *Copies*: MO, NY. – London (id.) 1848. Duod. (in sixes).
Ed. 8: 1852 (p. iv: 1 Jun 1852), p. [i]-iv, [5]-476, *pl. 1-16* (uncol.) *Copy*: NY. – London (id.) Duod. (in sixes).
Ed. 9: 1856, p. [i]-iv, [5]-476, *pl. 1-16* (uncol.). *Copy*: NY. – London (id.). Duod. (in sixes).
Ed. 10: n.v.
Ed. 11: 1863, p. [i]-iv, [5]-476, *pl. 1-16* (uncol.). *Copies*: FI, NY. – *Withering's British plants* ... compiled for popular use, by William MacGillivray, ... eleventh edition, revised throughout, ... London (Edward Law, ...) 1863. Duod. (in sixes).
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Ed. 1: 1840, p. [iii]-xii, [1]-272, *pl. 1-16* (uncol.). *Copy*: NY.
Ed. 2: 1843 ("im Jahr 1843 erschienen," Bot. Zeit. 29 Dec 1843, see also Bot. Zeit. 27 Dec 1844 and Bonplandia 1 Aug 1853) n.v.

5175. *The natural history of Dee side and Braemar* ... London (Printed for private circulation) 1855. Qu. (*Nat. Hist. Dee Side*).
Editor: Edwin Lankester (1814-1874).
Publ.: Sep-Dec 1855 (p. vii: 10 Aug 1855), p. [i]-xx, 2 maps, frontisp., [1]-507. *Copy*: NY.

Machado Guimaraes, António Luis (1883-1969), Portuguese bryologist; Lic. fil. nat. Coimbra 1907; high school teacher in Lisboa 1907-1914; from 1914-1953 in various functions at the Biology Dept. of the Faculdade de Ciências do Porto, from 1921 as professor of zoology, from 1935 as director of the Marine zoological institute. (*Mach.*).

HERBARIUM and TYPES: LISE.

BIBLIOGRAPHY and BIOGRAPHY: BJI 2: 109; SBC p. 126 ("Mach.").
Anon., Rev. bryol. 41: 105. 1914, 52: 62. 1925; ser. 2. 2: 51. 1929, 3: 145; Rev. bryol. lichénol. 7: 310. 1935; Univ. Porto, Anais Faculd. Ciencias 52(1-4): 317-321. 1969 (portr., bibl.).
Sayre, G., Bryologist 80: 513. 1977.

5176. *Catálogo descritivo de briologia portuguêsa* ... Edição e propriedade do Gabinête de Botânica da Facultade de Sciências da Universidade do Porto. Lisboa (Composto e impresso na Imprensa de Manuel Lucas Torres ...) [1918]. Oct. (*Cat. descr. briol. port.*).
Publ.: 1918 (p. 4: Nov 1918), p. [1]-143. *Copy*: H.
Ref.: Chamberlain, E. B., Bryologist 24(3): 44-46. 1921.

5177. *Sinopse das briófitas de Portugal.* Segunda parte *Musgos* ... Coimbra (Imprensa da Universidade) 1928. Oct.
Publ.: *Musgos* in three parts, of which the first (1928) was reprinted with independent pagination (as above); p. [1]-125. *Copy*: MO. – Reprinted and to be cited from Bol. Soc. Brot. ser. 2. 5: 104-226. 1928.
Continuation: Bol. Soc. Brot. ser. 2. 6: 180-265. 1929/30, ser. 2. 7: 169-328. 1931.

McIlvaine, Charles (1840-1909), American mycologist, soldier (1861-1863), "scriptor jocosus" and famous mycophagist. (*McIlv.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 425; BM 3: 1210; Bossert p. 260; Kelly p. 147; Kew 3: 540; LS 17615-17618, 36860, suppl. 17928; NAF 9(6): 442; PH 567; Stevenson p. 1251.
Burk, W. R., Bibl. N. Amer. Gasteromyc. 1: 121-123. 1980.
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NOTE: Used the pseudonym *Tobe Hodge* for some of his nature love stories. – McIlvaine tried out his mycophagous experiments not only on himself, but also on some hospital patients: "The writer saved the life of a lovely woman by feeding her upon it [*Marasmius oreades*] when nothing else could be retained." (see Bowser 1972).

EPONYMY: (genus): *Macilvainea* Nieuwland (1916); (journal): *McIlvainea*. Official Organ of the North American Mycological Association. Portsmouth, Ohio. Vol. 1-x. 1972-x.

5178. Toadstools, mushrooms, fungi edible and poisonous *One thousand American fungi* how to select and cook the edible; how to distinguish and avoid the poisonous giving full botanic descriptions made easy for reader and student. By Charles McIlvaine ... assisted by Robert K. Macadam toadstool poisons and their treatment, instructions to students, recipes for cooking, etc. etc. Indianapolis, U. S. A. (The Bowen-Merrill Company) s.d. [1900] Oct. (*Thousand Amer. fungi*).
Co-author: Robert K. Macadam.

Ed. 1: Jan-Mai 1900 (Nat. Nov. Jun-Jul 1900; Bot. Zeit. 16 Jul 1900), p. [i*-iii*], front., [i]-xxxvii, 1-704, *pl. 1-15, 15a, 16-27, 27a, 28-29, 29a, 29b, 30-35, 35a, 36-40, 40a, 41-45, 45a, 45b, 46-55, 55a, 56-58, 58a, 58b, 59, 59a, 60-71, 71a, 72-76, 76a, 76b, 77-78, 78a, 79-80, 80a, 81-86, 86a, 86b, 87-96, 96a, 97, 97a, 98-112, 112a, 113-115, 115a, 116-144, 144a, 145-148, 148a, 149-170, 170a, 170b, 171-176, 176a, 177-182,* some (68) in col.
Copies: L, NY, Stevenson, USDA (listing of plates based on this copy). Copies numbered 1-750. Plate sequences show variations.
Ed. 2 (reissue with suppl.): 1902 (copyright), p. [1*], [i]-xxxvii, [1]-729 (p. 705-729: Supplement), *plates*: as in ed. 1. *Copies*: NY, Stevenson. "Revised edition", Indianapolis (The Bowen-Merrill Company ...) s.d.
Ed. 3: 1912 (Nat. Nov. Sep(2) 1912), front., p. [i]-xxix, 1-749, *pl. 1, 2, 3, 4, [5], 6, 7, 7a, 8-15, 15a, 16, 18-29, 29a, 30-31, 31a, 32-36, 35a, 37-41, 41a, 42-45, 45a, 45b, 46-55, 55a, 56-58, 58a, 59, 59a, 60-71, 71a, 72-76, 76a, 76b, 77-78, 78a, 79-80, 80a, 81-86, 86a, 86b, 87-88, 90-93, 93a, 94-96, 96a, 96a[bis], 97-112, 112a, 113-114, 129a, 115-122, 124-128, 131-134, 134a, 135-144, 144a, 145-148, 148a, 149-156, 158-167, 167a, 168-175, 175a, 175b, 176, 176a, 177-182. Missing plates: 89, 123, 130, 157. Copy*: US.
"New edition revised throughout by Charles Frederick Millspaugh [1854-1923] ... with supplementary chapter and many new illustrations" Indianapolis (The Bobbs-Merrill Company ...) s.d. Oct.
Reissue of ed. 2: 1973, p. [i*], [i]-lxii, [1, h.t.] [1]-729. with plates (182 of which 31 col.) as in orig. *Copy*: NY. – "With a new essay on nomenclatural changes by Robert L. Shaffer [1929-x] ..." Dover Publications, Inc. New York.

McInteer, Berthus Boston (1887-1978), American algologist and ecologist in Kentukky; M. S. Univ. Kentucky 1926; Ph. D. Ohio State 1932; at the University of Kentucky as instructor in botany (1924-1925), asst. professor (1925-1933), assoc. prof. 1933-1957. (*McInteer*).

HERBARIUM and TYPES: KY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 426 (b. 25 Mar 1887); Bossert p. 260; Hirsch p. 184; IH 1(ed. 6): 361; Kew 3: 540; NAF ser. 2. 6: 69-70.
Browne, E. T., Trans. Kentucky Acad. Sci. 25: 82. 1964 (b. 25 Mar 1887).

McIntosh [M'Intosh, MacIntosh], **Charles** (1794-1864), Scottish gardener at Claremont and Dalkeith. (*McIntosh*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 426; BB p. 199; BM 3: 1211, 7: 774; Bossert p. 260; Desmond p. 407; DU 189-191; GF p. 66; Herder p. 361, 375; Kew 3: 541; LS 36861; NI 1256; Plesch p. 321; Rehder 5: 533; Sotheby no. 490; Tucker 1: 449.

NOTE: Not to be confused with Charles MacIntosh (1839-1922), from Perthshire, postman and naturalist, see BB p. 199 (coll. at E) and J. Bot. 60: 188-189. 1972.

Allibone, S. A., Crit. Dict. Engl. lit. Brit. Amer. auth. 1171-1172. 1870.
Anon., Proc. Linn. Soc. London 8: xlii-xliii. 1864 (b. Aug 1794, d. 9 Jun 1864).

5179. *Flora and Pomona*; or, the British fruit and flower garden; containing descriptions of the most valuable and interesting flowers and fruits, cultivated in the gardens of Great Britain, with figures drawn and coloured from nature. Accompanied by a concise analysis of their botanical and pomonological character, their nature and mode of culture, including a definition of the technical terms used in the science of botany, with familiar instructions for the drawing and colouring of the fruits and flowers . . . London (Printed for Thomas Kelly, . . .) 1829. (*Fl. Pomona*).
Part 1: 1829 [-1831?], p. [i-iv], [1]-10, [1-2, index], *pl. 1-35* (col. liths.) with text.
Part 2: [1829?-]1831, p. 1-10, [1]-2, *pl. 1-36* (id.) with text, [1]-32.
Copies: NY, USDA. – Published in a number of fascicles. The contents and precise dates are unknown to us.

McIvor, William Graham (x-1876), British gardener sent to India by Kew, remained at Ootacamund (1848); became involved in the introduction of Cinchona into India. (*McIvor*).

HERBARIUM and TYPES: K. – Exsiccatae: *Hepaticae britannicae*, or pocket herbarium of british hepaticae. New Brentford (C. J. Murphy) 1847, 136 nos. (see below).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 426; BB p. 199; BM 3: 1211; CSP 4: 161, 12: 470; Desmond p. 407; IH 2: 482; Jackson p. 576; Kew 3: 541; Morren ed. 2, p. 38; PR 5717-5720; Rehder 5: 533; Tucker 1: 449.
Anon., Gard. Chron. 1876(2): 150; Trans. bot. Soc. Edinburgh 13: 11. 1879 (d. 8 Jun 1876).
Burkill, I. H., Chapt. hist. bot. India 242 [index]. 1965.
Hawksworth, D. L. & M. R. D. Seaward, Lichenology Brit. Isles 198. 1977 (lichens at DBN).
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 106. 1970.
Jackson, B. D., Bull. misc. Inf. Kew 1901: 43 (pl. K.).
Kent, D. H., Brit. herb. 66. 1957.
Sayre, G., Mem. New York Bot. Gard. 19(2): 228. 1971.
Sowerby, J. and J. E. Smith, English Bot. 2948.
Synnott, D. M. Glasra 4: 25. 1980 (bryoph. from Yorkshire 1844/5 at DBN).
Trimen, H., J. Bot. 14: 224. 1876.

5180. *Hepaticae britannicae*; or pocket herbarium of British hepaticae; named and arranged according to the most improved system ... New Brentford (printed by Charles James Murphy) 1847. (*Hepat. brit.*).
Publ.: 1847, t.p. [i*], leaves i-xviii preprinted with names, leaving space for specimens to be stuck on; contents p. [i-ii]. *Copy*: U-V; other copies reported from BM, E and FH.

Mackay, Alexander Howard (1848-1929), Canadian botanist; B.Sc. Univ. Halifax 1880; teacher at the Pictou Academy, Halifax, 1873-1889, principal of Halifax County Academy 1889-1891; head of the department of education of Nova Scotia 1891-1926; LL.D. h. c. Dalhousie Univ. 1892, id. Univ. Antigonish, N. S. 1905. (*A. Mackay*).

HERBARIUM and TYPES: DAL (destroyed?); NSPM (lichens), NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 426; BL 1: 133, 138, 307; CSP 16: 967-968; De Toni 2: lxxviii; IH 2: 483; Kelly p. 136; LS 16201-16202, 36363; NAF 9(6): 442; Stevenson p. 1250; Tucker 1: 449.
Boivin, B., Provancheria 10: 170. 1980 (coll.).
Colinvaux, L. H., Taxon 15: 166. 1966 (coll. algae).
Dörfler, J., Botaniker-Adressbuch 174. 1896 (err. A. K. Mackay).
Osborn, H., Fragm. entom. hist. 130. 1937.
Penhallow, D. P., Trans. R. Soc. Can. ser. 2. 3(4): 19, 46. 1897.
Piers, H., Proc. Nova Scot. Inst. 17: xlvii-liii. 1930 (obit., portr., b. 19 Mai 1848, d. 19 Mai 1929).

5181. *Fungi of Nova Scotia*: a provisional list. – By A. H. Mackay, ... (*Fung. Nova Scotia*).
Publ.: Aug 1904, cover, p. [122]-143. *Copy*: DAO. – "Author's separates published August, 1904" on cover of preprint from Proc. Nova Scot. Inst. 11: 122-143. 27 Mar 1905.
First supplementary list: 8 May 1908, cover, p. [119]-138. *Copy*: DAO. – "Author's separates published 8th May 1908." on cover of preprint from Proc. Nova Scot. Inst. 12(1): 119-138. 1908.

Mackay, James Townsend (1775-1862), Scottish-born gardener and botanist; went to Dublin 1804; founded the botanical garden of Trinity College, curator id. 1806-1856; LL. D. Univ. Dublin 1850. (*J. Mackay*).

HERBARIUM and TYPES: TCD; only a few specimens actually located; other material BR, CGE, K and OXF. Letters at K and in Winch, corr. at LINN. – Bryological types at FH-Taylor.

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 144; Backer p. 344; Barnhart 2: 426; BB p. 199-200; BL 2: 280-686; BM 3: 1211; Bossert p. 247; Clokie p. 205; CSP 4: 161-162; Desmond p. 408; De Toni 1: lxxx; DNB 35: 127; GR p. 377, cat. p. 67; Herder p. 170, 237; Hortus 3: 1199 ("Mackay"); IH 2: 483; Jackson p. 576; Kelly p. 136; Kew 3: 542; Lenley p. 463; LS 16203; PH 364; PR 5721-5722 (ed. 1: 6390-6391); Rehder 5: 533; SBC p. 126 ("Mack."); SO add. 844e; TL-1: 789; TL-2/4340; Tucker 1: 449.
Anon., Ann. Rep. Proc. Belfast Natural. Club ser. 2. 6: 627. 1913; Bonplandia 4: 62. 1856 (retired from curatorship Dublin bot. gard.), 10: 82. 1862 (d.); Bull. Soc. bot. France 9: 190. 1862; J. Hortic. 27: 457-458. 1862; Österr. bot. Z. 12: 129. 1862. (d.).
Candolle, Alph. de, Phytographie 430. 1880.
Colgan, N., Fl. County Dublin xxvi. 1904.
Colgan, N. & R. W. Scully, Cybele hibernica ed. 2, xxix. 1898 (herb. at TCD).
Dickinson, C. I., Phycol. Bull. 1:13. 1952.
Fletcher, H. R., Roy. bot. Gard. Edinburgh 71, 73. 1970.
Gager, C. S., Brooklyn Bot. Gard. Rec. 27(3): 267. 1938.
Hooker, W. J., Comp. bot. Mag. 1: 158. 1835; J. Bot. Kew Gard. Misc. 1: 91. 1849 (LL. D).
Kent, D. H., Brit. herb. 66. 1957.
Knowles, M. C., Proc. R. Irish Acad. 38B(10): 182-183. 1929.
Lett, H. W., Irish Naturalist 22: 28, 32. 1913; Ann. Rep. Proc. Belfast Natural. Field. Cl. ser. 2. 6: 622, 627. 1913.
Mackay, J. T., Mag. nat. Hist. 4: 167. 1831; Gard. Mag. 7: 229-230. 1831.

Nelmes and Cuthbertson, Bot. Mag. Dedic. 119-120. 1931 (portr.; b. 29 Jan 1775, d. 25 Feb 1862).
Praeger, R. L., Proc. R. Irish Acad. 7: cxxix. 1901; Botanist in Ireland 78. 1934; Some Irish naturalists 125. 1949 (portr. p. 120a).
Sayre, G., Bryologist 80: 513. 1977 (bryol. types FH).
Schlechtendal, D. F. L. von, Bot. Zeit. 20: 152. 1862.
Scully, R. W., Fl. County Kerry xii-xiii. 1916.

EPONYMY: *Mackaia* S. F. Gray (1821, *nom. rej.*); *Mackaya* Arnott (1838, *nom. rej.*); *Mackaya* W. H. Harvey (1859, *nom. cons.*).

5182. *A catalogue of the plants found in Ireland,* with descriptions of some of the rarer sorts ... Dublin (R. Graisberry, ...) 1825. Qu. (*Cat. pl. Ireland*).
Publ.: 1825, p. [1]-98. *Copies*: FI, NY.

5183. *Flora hibernica* comprising the flowering plants ferns Characeae Musci Hepaticae Lichenes and Algae of Ireland arranged according to the natural system with a synopsis of the genera according to the Linnaean system ... Dublin (William Curry Jun. and Company), London (Simpkin Marshall and Co.), Edinburgh (Fraser and Co.). 1836. Oct. (in fours). (*Fl. hibern.*).
Publ.: Jun 1836 (P & W; p. x: 10 Mai 1836), p. [i]-xxxiv, [1-3], [1]-354, [1]-279. *Copies*: FI, G, MO, NY, USDA; IDC 907. – Part 2 (musci, hepaticae and lichenes) by Thomas Taylor [x-1848], see preface and Knowles (1929).

McKelvey, Susan Adams (née Delano [Mrs. Charles Wylie McKelvey, 1907] (1883-1964), American botanist, horticulturist, and botanical historian. (*McKelv.*).

HERBARIUM and TYPES: A; duplicates see IH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 427; BJI 2: 109; Hortus 3: 1199 ("McKelv."); IH 2: 483; Langman p. 492; Lenley p. 275; MW p. 315; Pennell p. 613; Zander ed. 10, p. 690, ed. 11, p. 787.
Ewan, J., Rocky Mt. Natural. 267. 1950; Rhodora 59: 181-184. 1957 (rev., with addenda, of her Bot. Expl. Trans-Mississippi West, 1955).
Ewan, J. et al., Short hist. bot. U.S. 20. 1969.
Howard, R. A., J. Arnold Arb. 46: 45-47. 1965 (obit., bibl., b. 13 Mar 1883, d. 11 Jul 1964).
Sutton, S.B., Charles Spraque Sargent 188-189, 340. 1970.

NOTE: Mrs McKelvey's most important contribution to the history of botany and exploration is her *Botanical exploratium of the trans-mississippi West 1790-1850*, xl, 1144 p. Jamaica Plain 1955 (see e.g. Ewan 1957).

5184. *The lilac* a monograph ... New York (The Macmillan Company) 1928. (*Lilac*).
Publ.: 1928 p. ix: Jul 1928)), front., p. [i]-xvi, [1]-581, *pl. 1-171* (incl. front *172 pl.*), 4 color charts. *Copies*: G, NY, USDA. – Other imprint (copy: G): "Macmillan and Co., Limited, St. Martin's Street, London."
Ref.: Rendle, A. B., J. Bot. 68: 59-60. 1930.
Boynton, K. R., J. New York Bot. Gard. 30: 284-285. 1929.

5185. *Yuccas of the Southwestern United States* ... Jamaica Plain, Massachusetts, U.S.A. (The Arnold Arboretum ...) 1938-1947, 2 vols. (*Yuccas Southw. U.S*).
Part 1: 1938 (Nat. Nov Feb 1939; BR rd. 12 Aug 1938), p. [1]-150, *pl. 1-80* (photos).
Part 2: 1947, p. [1]-192, *pl. 1-65* (photos). *Copies*: BR, G, MICH, NY, US.

M'Ken [McKen, Mac Kerc], **Mark John** (1823-1872), Scottish gardener and plant collector; in Jamaica 1847; curator Natal botanical garden 1851-1853, 1860-1872; with the Tongut (Tongaart) Sugar Estate 1853-1860 as pioneer of the S. Afr. sugar industry. (*M'Ken*).

HERBARIUM and TYPES: K; further material E, NH.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 366; Backer p. 344; BB p. 200; Desmond p. 408; IF p. 716; IH 2: 483;
Jackson p. 350-351; Kew 3: 542; PR 5723-5724 (sub Mac Kerc); Rehder 5: 533.
Anon., Bot.Not. 1873: 28 (d. 20 Apr 1872); Gard. Chron. 1872: 806 (from Natal Colonist, 23 Apr 1872; obit., "... his family, a widow and six children, all under 10 years of age, are ... we fear, wholly unprovided for, ...").
Bayer, A. W., S. Afr. J. Sci. 67: 403-404. 1971 (mentions journal recording build-up Natal bot. Gard.).
Gager, C. S., Brooklyn Bot. Gard. Rec. 27(3): 325. 1938.
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 106. 1970.
Jackson, B. D., Bull misc. Inf. Kew 1901: 43 (pl. K.).
Reichenbach, H. G., Bot. Zeit. 30: 526. 1872.
Trimen, H., J. Bot. 10: 223-224. 1872.
White, A. & B. L. Sloane, The Stapelieae 149. 1933, ed. 2. 102, 103. 897. 1937.

COMPOSITE WORKS: list of ferns (p. 187-188) in chapter on indigenous plants (p. 166-190) in Henry Brooks (ed. R. J. Mann), *Natal; a history and description of the colony* ... London (L. Reeve & Co., ...) 1876, p. [i]-viii, [1-3], [1]-336. *Copy*: G.

NOTE: Notwithstanding the help of our South-African colleagues at Pretoria and Cape Town we were unable to locate a copy of (PR 5724), *Synopsis filicum capensium* (1870).

EPONYMY: *Mackenia* W. H. Harvey (1868).

5186. *The ferns of Natal.* 1869. Pietermaritzburg (printed by P. Davis & Sons, ...) 1869. (*Ferns Natal*).
Publ.: 1869 (p. 1: 1 Jan 1869; J. Bot. Mar 1870), p. [i]-iv, [1]-28. *Copy*: PRE (inf. O. A. Leistner, E. A. Schelpe).
Revised list of the Ferns of Natal, by Rev. John Buchanan, A. M. Reprinted from the "Natal Colonist." Natal (P. Davis and Sons, Durban and Maritzburg) 1875, p. [1]-30. *Copy*: PRE (p. iv: Aug 1875). (*Rev. list ferns Natal*).
Ref.: Kuhn, M., Bot. Zeit. 29: 503-504. 1871.

Mackenzie, Kenneth Kent (1877-1934), American attorney, bibliophile, and botanist; LL.B. Kansas City Law School 1889, id. Columbia Univ. 1906; from 1906 practicing in New York City; specialist on *Carex*. (*Mackenz.*).

HERBARIUM and TYPES: NY (43.000); duplicates see IH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 427 (b. 13 Oct 1877); BL 1: 194, 307; BM 7: 775; CSP 16: 971; Dawson p. 383; Hortus 3: 1199 ("Mackenz."); IH 1 (ed. 6): 361, 2: 483-484; Kew 3: 543; Langman p. 465; Lenley p. 276; NAF 28B(2): 344, ser. 2. 5: 247; NW p. 52; Pennell p. 613; PH 209, 450; SO 499a, 499b; TL-2/1: 781; Tucker 1: 450; Urban-Berl. p. 371; Zander ed. 10, p. 879, ed. 11, p.784.
Anon., J. New York Bot. Gard. 32: 296. 1931 (herb. presented to NY); Torreya 34: 155-156. 1935.
Ewan, J., Rocky Mt. Natural. 256-257. 1950; *in* R. W. Long & O. Lakela, Fl. trop. Florida 8. 1971.
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 106. 1970.
Merrill, E. D., Torreya 35: 51. 1933; Proc. Linn. Soc. 147: 184-185. 1935.
Murrill, W. A., Hist. found. bot. Florida 18-19. 1945.
Rickett, H. W., Index Bull., Torrey bot. Club 66. 1955.
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COMPOSITE WORKS: Contributed the *Cyperacaeae* to NAF, vol. 18, as follows: 1: 1-60. 5 Dec 1931, 2: 61-112. 21 Dec 1931; 3: 113-168. 31 Dec 1931; 4: 169-240. 15 Apr 1935; 5:241-312. 1 Jun 1935; 6: 313-392. 21 Oct 1935; 7: 393-478. 7 Nov 1935.

5187. *Manual of the flora of Jackson County Missouri* by Kenneth K. Mackenzie assisted by B.F. Bush and others. Kansas City, MO. 1902. Oct. (*Man. fl. Jackson County*).

Co-author: Bush, Benjamin Franklin (1858-1937), see preface for statement on authorship.
Publ.: 1902 (pref. 10 Jun 1902; Bot. Centralbl. 15 Oct 1902; TBC 31 Oct 1902), p. [i]-xix, [1]-242. *Copies*: MO, NY(2), US, USDA.

5188. *North American Cariceae* ... The New York Botanical Garden 1940, 2 vols (*N. Amer. Caric.*).
1: 3 Jul 1940 (sticker opposite p. iii), p. [i]-v, [vi, text for *pl. 1*], pl. 1-269 with text on verso, implied page nos. [1-537].
2: 3 Jul 1940, p. [i-ii], *pl. 270-539* with texts on verso, index on p. 541-547.
Copies: BR, G, L, MO. – The author left nearly 1000 drawings of Carex to NY upon his death together with a sum of US $ 10.000 to provide for their publication (see Torreya 34: 155-156. 1935). The illustrations are by Harry Charles Creutzberg; the editing was done by Harold William Rickett (1896-x).

Mac Leod, Julius (1857-1919), Belgian botanist; Dr. phil. Gent 1878; in various functions at the University of Gent. (*Mac Leod*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 429; BL 2: 33, 686; BM 7: 776; Bret. p. 225; CSP 10: 683, 12: 471, 16: 978; Kew 3: 546; Morren ed. 10, p. 45; Rehder 5: 534.
Anon., Bot. Not. 1919: 152 (d.); Nat. Nov 41: 195. 1919 (d.); Österr. bot. Z. 68: 196. 1919 (d.).
Bracke, A., Bull. Natural. Mons-Borinage 1: 55-58.1918 (b. 19 Feb 1857; brief biogr.).
Coats, A. M., The plant hunters 307-308. 1969.
Crépin, F., Manuel fl. Belg. lxvii. 1860.
Evens, F. M. J. C., Gesch. algologie Belgie 179. 1944.
Kneucker, A., Allg. bot. Z. 24/25: 32. 1920 (d.).
Oye, P. van, Mac Leod Gedenkboek, Antwerpen 1930, p. 16-24. (bibl., portr.) (b. 19 Feb 1857, d. 3 Mar 1919); Bot. Jaarb. Dodonaea 25(index vol.): 115-117. 1934 (bibl., portr.); Kon. Vlaamse Acad. Taal- en Letterk. reeks 10.7: 21-35. 1957 (portr.). Liber memorialis 4: 16-24. 1960; Meded. Kon. Vlaamse Akad. Wet., Kl. Wet. 23(1): 3-13 1961 (portr.; on Ms' reaction to Darwin); 22(6): 1-29. 1960;23(9): 3-23. 1961 (relations with Hugo de Vries and Edward Verschaffelt); Scientiarum Historia 7(2): 105-108. 1965 (M. and the history of sciences).
Teirlinck, I., Dr. Julius Mac Leod en de Koninklijke Vlaamsche Academie, Mac Leod Gedenkboek, 1: 93-95. 1930.
Vandevelde, A. J. J., In memoriam Dr. Julius Mac Leod. Gent 1921, reprint from Jaarb. Kon. Vlaamsche Akademie 1921:145-228 (portr., bibl.).

MEMORIAL VOLUME: *Mac Leod Gedenkboek*, Antwerpen 1930, 120 p., P. Van Oye et al. – Biol. Jaarb. Dodonaea, vol. 24, 1934, was also dedicated to the memory of Mac Leod.

5189. *Geillustreerde flora voor Belgie* ... Gent (Boekdrukkerij I. Vanderpoorten, ...) 1892. Oct. (*Geill. fl. Belgie*).
Co-author: Gustaaf Staes (1863-1918).
Ed. 1.: Jan- Jun 1892 (Nat. Nov. Jul (2) 1892; Bot.Zeit. 2 Sep 1892), p. [i]-xxiv, [1]-180. *Copies*: B, BR. – Illustrations drawn by L. Lefèvre and author.
Ed. 2: 1906 (Nat. Nov. Nov(1) 1907), p. [i]-xxiv, [1]-180. *Copy*: BR. – Tweede Uitgave ... Gent (Uitgeversfirma I. Vanderpoorten) 1906.
Ed. 3: n.v.
Ed. 4: Sep 1924 (BR rd. 11 Sep 1924), p. [i]-xxii, [1]-167, [168, map]. *Copies*: BR, FAS. – "*Geillustreerde flora* door ... met talrijke, meerendeels naar de natuur geteekende figuren door L. Lefèvre en J. Mac Leod. Vierde Uitgave" Antwerpen (De Sikkel, ...), Santpoort (C. A. Mees). 1924. Oct. (BR copy has different imprint: "Antwerpen (De Sikkel, ...)"only).
Ed. 5: 1930, p. [i]-xxx, [1]-231, [232]. *Copy*: BR. – Vijfde uitgave herzien en bijgewerkt door Paul van Oye [1886-1969] Antwerpen (id.) 1930.
Ed. 6: 1937, p. [i]-xxxii, [1]-241, [1, err.]. *Copy*: BR. – Zesde uitgave ... Antwerpen (id.) 1937.

Ed. 7: 1942 (BR rd. 13 Aug 1943), p. [i]-xxviii, [1]-249, [250]. *Copy*: BR. – Zevende uitgave ... Antwerpen (id.) 1942. Oct.
Ed. 8: 1947, p. [i]-xxviii, [1]-257. *Copy*: USDA. – Achtste uitgave opnieuw herzien en bijgewerkt door Paul van Oye [1886-1969]. Antwerpen (De Sikkel, ...) 1947.
Ed. 9: 1950, p. [i]-xxviii, [1]-258, [1-2]. *Copies*: BR, USDA – Negende uitgave ... Antwerpen (id.) 1950.

Macloskie, Rev. **George** (1834-1919), Irish-born botanist and clergyman; LL.D. London 1871, D.Sc. Belfast 1874, minister at Ballygoney 1861-1874; professor of natural history, Princeton, New Jersey 1874-1906. (*Macloskie*).

HERBARIUM and TYPES: Material at NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 430; b. 14 Sep 1834, d. 4 Dec 1919); BB p. 201; BL 1: 253, 307; BM 3: 1212, 7: 776; Bossert p. 248; CSP 8: 300, 10: 683, 12: 471, 16: 979; Desmond p. 411; IH 2: 485; Kew 3: 546; Lenley p. 276; PH 567; Rehder 5: 534.
Anon., Entom. News 31(3): 89-90. 1920 (p.p. erron.); Nature 104: 540-541. 1920; Science ser. 2. 51: 62. 1920.
Carpenter, M. M., Amer. Midl. Natural. 33(1): 64. 1945.
Harshberger, J. W., Bot. Philadelphia 293-294. 1899.
Osborn, H., Fragm. entom. hist. 227. 1937.
Rankin, W. M., Science ser. 2. 51. 180-181. 1920.
Rickett, H. W., Index Bull. Torrey bot. Cl. 66. 1955.

5190. J. Pierpont Morgan Publication Fund. *Reports of the Princeton University Expeditions to Patagonia* 1896-1899 volume viii, 1[2] *Botany* ... Princeton, N. J. (the University), Stuttgart (Schweizerbart'sche Verlagshandlung (E. Nägele)) 1903-1914, 3 vols. Qu. (*Rep. Princeton Univ. Exp. Patagonia, Botany*).

1(1-5[a]): p. [i*-iii*], [i]-xxii, [1]-466, *pl. 1-18.*
1(1): 8 Jul 1903, *The vegetation of Western Patagonia* by Per Karl Hjalmar Dusén (1855-1926), p. 1-33.
(2): 8 Jul 1903, *Hepaticae collected in Southern Patagonia* by Alexander William Evans (1868-1959), p. 35-62.
(3): 8 Jul 1903, *Patagonian and Fuegian mosses* by P. Dusén, p. 63-125.
(4): 8 Jul 1903, p. 127-138, *Ferns and fern-like plants of Patagonia,* by George Macloskie.
(5[a]): 30 Jun 1904, p. 139-338, *pl. 12-14. Flora patagonia,* by id.
(5[a, ctd*])*: 10 Jan 1905, p. 339-466, *pl. 15-18,* id.
2(5[b]-9): [i-iii], 467-982, *pl. 19-31.*
(5[b]): 10 Jan 1905, id., *pl. 19-20,* p. 467-594.
(5[b]): 25 Nov 1905, p. 595-810, *pl. 21-27,* id.
(5[b]-9): 28 Feb 1906, p. 811-982, *pl. 28-31. Flora patagonia* and general chapters by id.

Supplement: 1914, p. [i, iii], [1]-307, *pl. 1-3. Revision of Flora Patagonica* by George Macloskie and Per Dusén with further notes by ... Carl [Johan Fredrik] Skottsberg (1880-1963).
Copies: B, BR, G, L, MO, NY.

M'Mahon [McMahon], **Bernard** (c. 1775-1816), Irish-born American horticulturist and seedsman at Philadelphia; author of the first American gardener's guide. (*M'Mahon*).

HERBARIUM and TYPES: PH.

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NOTE: See Ewan, J. (1960) for an extensive study of M as a nurseryman and his *American gardeners Calendar* (ed. 1, 1802/3; ed. 11, 1857).

EPONYMY: *Mahonia* Nuttall (1818, *nom. cons.*).

MacMillan, Conway (1867-1929), American botanist; M. A. Univ. Nebraska 1885, at Univ. of Nebraska 1885-1887; instructor of botany Univ. Minnesota 1887-1891; professor id. 1891-1893; state botanist of the Minnesota Geological Survey and Natural History Survey from 1893-1901; director of the Minnesota Seaside Station at Port Renfrew from 1901-1906; in the advertising business at Philadelphia 1906-1929. (*MacMill.*).

HERBARIUM and TYPES: MIN; further material at K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 430; BL 1: 192, 307; BM 3: 1213, 7: 777; CSP 16: 981-982; De Toni 4: xxxviii; GR p. 230; Hortus 3: 1199 ("MacMill."); IH 2: 486; Kelly p. 136; Kew 3: 547; Lenley p. 277; LS 16210-16216; NAF 28B(2): 344; NW p. 52; Pennell p. 613; Rehder 5: 534; Stevenson p. 1250; Tucker 1: 450; Zander ed. 10, p. 687, ed. 11, p. 784.
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5191. *The Metaspermae of the Minnesota valley*. List of the higher seed-producing plants indigenous to the drainage-basin of the Minnesota-River . . . Minneapolis, December 29, 1892. Oct. (*Metasp. Minnesota valley*).
Publ.: 29 Dec 1892, p. [i]-xiii, 2 maps, [1]-826. *Copies*: G, L, MO, NY, US(2), USDA;IDC 7581. – Geological and natural history survey of Minnesota, Reports of the Survey botanical series i. – For a critical analysis of MacMillan's nomenclatural reforms see Britten (1893). The "Introduction", p. [1]-30, was preprinted 4 Aug 1892, Minneapolis (Harrison and Smith) 1892 (see TBC 19: 320. 10 Oct 1892). *Copies*: MO, NY.
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5192. *Minnesota plant life* . . . Report of the Survey Botanical Series iii Saint Paul, Minnesota. October 30, 1899. Oct. (*Minnesota pl. life*).
Publ.: 30 Oct 1899 (t.p.; Underwood rd. his copy at NY 11 Nov 1899; Nat. Nov. Feb(1) 1900; Bot. Gaz. 30 Apr 1900), p. [i]-xxv, [1]-568, *pl. 1-4*. *Copies*: G, L, NY(2), US, USDA. – *Number of copies printed*: 10.000.
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Schimper, Bot. Zeit. 58(2): 97-99. 1 Apr 1900.

McMinn, Howard Earnest (1891-1963), American botanist, dendrologist and horticulturist; professor of botany in Mills College, Oakland, Calif. (*McMinn*).

HERBARIUM and TYPES: UC; for further coll. see Kasapligil (1965).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 430 (b. 19 Aug 1891, d. 25 Aug 1963); BL 1: 162, 166, 307; Bossert p. 261; Hortus 3: 1199 ("McMinn"); IH 1 (ed. 6): 361, 2: 486; Kew 3: 547; Langman p. 492-493; NAF 28B(2): 344; PH 209; Roon p. 76.
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5193. *An illustrated manual of Pacific Coast trees* ... Berkeley, California (University of California Press) 1935. Oct. (*Man. Pacif. Coast trees*).
Co-author: Evelyn Maino (1911-1958); contributor of text on recommended trees: H. W. Shepherd.
Ed. 1: 1935 (Nat. Nov. Apr 1936), p. [i]-xii, [1]-409. *Copy*: USDA.
Second printing (facsimile): 1946, p. [i]-xii, [1]-409. *Copies*: US, USDA.
Ref.: H. L. M. [Mason], Madroño 3(5): 221-222. 1936.

5194. *An illustrated manual of California shrubs* ... San Francisco (published by J. W. Stacey ...) 1939. Oct. (*Man. Calif. shrubs*).
Co-author (chapter garden design): Fred H. Schumacher.
Ed. 1: 6 Oct 1939 (Madroño 5: 136. 1939), p. [i]-xi, 1-689. *Copies*: G, NY, US, USDA.
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McNab, William Ramsay (1844-1889), Scottish botanist; M. D. Edin. 1866, professor of botany, Royal College of Science Dublin 1872-1889; scientific superintendent of Botanic Gardens, Glasnevin, 1880-1889. (*W. R. McNab*).

HERBARIUM and TYPES: DBN; further material at K.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 298; BB p. 202; BJI 1: 38; BM 3: 1213; CSP 8: 301-302, 10: 685, 12: 471, 16: 983; Desmond p. 412; De Toni 1: lxxx; DNB 35: 238; Herder p. 464; IH 2: 486; Jackson p. 60, 80, 86, 489; LS 17623-17624; Morren ed. 2, p. 23, ed. 10, p. 79; Rehder 5: 534-535; TL-2/see R. Brown; Tucker 1: 451; Zander ed. 10, p. 687.
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NOTE: W. R. McNab was the son of James McNab (1810-1878) and grandson of William

McNab (1780-1848), Scottish gardeners at the Royal Botanic Garden, Edinburgh. See Desmond p. 412 for details.

Macoun, James Melville ["Jim"] (1862-1920), Canadian botanist and geologist with the Geological Survey of Canada (1883-1898 assistant botanist; 1898-1917 assistant naturalist; 1917-1920 botanist); son of John Macoun. (*J. M. Macoun*).

HERBARIUM and TYPES: CAN; duplicates see IH. For his exsiccatae "ex. herb. Geological Survey of Canada" see Sayre (1971).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 432; BB p. 202; BJI 2: 109; BL 1: 307 [index]; BM 3: 1213, 7: 777-778; CSP 12: 470, 16: 984-985; Desmond p. 413; Hortus 3: 1199 ("Macoun, J. M."); IH 1(ed. 6): 361, 2: 487; Kelly p. 136; Kew 3: 549; Lenley p. 277; LS 36368; NAF 9(6): 442; NW p. 52; Pennell p. 613; Rehder 5: 535; SBC p. 126 ("Mac."); Stevenson p. 1250; Tucker 1: 451; Urban-Berl. p. 371, 372.
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5195. *Contributions to Canadian botany* . . . [a series of 18 papers originally published in various serial publicatons] 1894-1906. Oct. (*Contr. Canad. bot.*).
Publ.: Reprinted with new or with original pagination with some new t.p.'s:

1: Canadian Record of Science 6, Jan 1894, p. [i], [23]-27.
2: Id. Apr 1894, p. [i], [76]-88.
3: Id. Nov 1894, p. [i], [141]-153.
4: Id. Jan 1895, p. [i], [198]-210.
5: Id. Jan 1895 [sic], p. [1]-13; journal p. 264-276.
6: Id. Apr 1895, p. [i], [1]-11; journal p. 318-329.
7: Id. Jul 1895, p. [i], [1]-11; journal p. 405-415.
8: Id. Oct 1895, p. [i], [1]-11; journal p. [459]-469.
9: Id., 7, Jan, Apr 1896, p. [i], [39]-50.
10: Id. Jan 1897, p. [i], [267]-286.
11: Id. Oct 1897, p. [i], [463]-477.
12: The Ottawa Naturalist, 12(9): [i], [161]-172, err. slip. Dec 1898.
13: Id. 13(7): [i], [158]-169. Oct. 1899.
14: Id. 15(3): [i], [71]-79. Jun 1901.
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Copies: BR, G, MO, NY, US, USDA.

5196. *List of the plants* known to occur on the coast and in the interior *of the Labrador Peninsula* ... (Reprinted from Annual Report, Geological Survey of Canada) vol. viii, part L, appendix vi. [1896]. Oct. (*List pl. Labrador Penins.*).
Publ.: 1896, p. [1]-14, reprinted from Ann. Rep. Geol. Surv. Canada 8(L): 353-366. 1896 (reprint rd. by USDA 31 Mar 1897). *Copies*: PH, USDA.

5197. Canada Geological Survey Museum Bulletin no. 26. Biological Series, no. 6. *Flora of Canada* by J. M. Macoun and M. O. Malte. [Canada Year Book 1915 (1917)]. Oct.
Publ.: 28 Feb 1917, p. [1]-14. *Copies*: FI, PH. – Reprinted from Canada Yearbook 1915: 43-55. 1917, also Canada Dept. Mines, Geol. Surv. Mus. Bull. 26, Biol. Ser. 6.

5197a. *Report of the Canadian arctic expedition* 1913-18. Volume v: *Botany* part A: *Vascular plants* ... Ottawa (F.A.Acland ...) 1921. (*Rep. Canad. arct. exped., vasc. pl.*).
Co-author: Herman Theodor Holm (1854-1932).
Publ.: 14 Oct 1921 (cover), p. [1]-3, 4a-50a, *pl. 1-13*. *Copy*: PH.

Macoun, John (1831-1920), Irish-born naturalist who went to Canada in 1850; professor of botany in Albert College, Belleville (Ont.) 1874-1881; from 1881-1912 botanist to the Dominion government and naturalist at the Geological Survey of Canada; ultimately in British Columbia. (*Macoun*).

HERBARIUM and TYPES: CAN; duplicates see IH. Exsiccatae: *Canadian lichens*, nos. 1-200 (-x?), for details on this and other series see Sayre (1969, 1971). Type specimens of mosses described by N. C. Kindberg at S. For details see Crum and Steere 1977.

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EPONYMY: *Neomacounia* R.R. Ireland (1974). *Note*: The derivation of *Macounastrum* J. K. Small (1896) could not be established. – The town of Macoun, Sask., and Mount Macoun (Selkirk Peaks) Canada, were named after John Macoun. – W.T.M. (1920) lists 20 species of plants and animals named after M. – A further list of eponyms is given by E. T. Seton in John Macoun, Autobiography, 1922, see above.

MEMORIAL VOLUME: Seton, E.T., ed., Autobiography of John Macoun, M.A., Canadian explorer and naturalist, ... Ottawa (Ottawa Field Naturalist's Club) 1922.

5198. *Catalogue of the phaenogamous and cryptogamous plants* (including lichens.) of the dominion of *Canada* south of the arctic circle ... Belleville, Ont. (John Macoun) [1878] Oct. (*Cat. pl. Canada*).
Publ.: 1878 (p. [3]: 10 Mai 1878), p. [1]-52. *Copies*: PH, US, USDA.

5199. Geological Survey of Canada ... *Catalogue of Canadian plants* ... Montreal ([1-4:] Dawson Brothers, [5-6:] William Foster Brown & Co.), Ottawa [7:] Government Printing Bureau) 1883-1902. Oct., 7 parts. (*Cat. Canad. pl.*).

1 (*Polypetalae*): 1883 (p. ix: Apr 1883, p. [iii]: Mai 1883; Nat. Nov. Mar(2) and Sep(1) 1884; J. Bot. Mar 1884; Bot. Gaz. Dec 1883), p. [i]-ix, [11]-192.
2 (*Gamopetalae*): 1884 (Nat. Nov. Apr (1) 1885; Bot. Zeit. 24 Apr 1885; Bot. Gaz. Feb 1885), p. [i]-iv, [193]-394.
3 (*Apetalae*): 1886 (p. [iii]: Apr 1886; Nat. Nov. Mar(1) 1887; Bot. Zeit. 30 Sep 1887; TBC Jan 1887 ("recently"); Bot. Gaz. Jan 1887), p. [i-iv], [395]-623.
4 (*Endogens*): 1888 (p. ii: Jun 1888; TBC 2 Nov 1888; Bot. Gaz. Oct 1888), p. [i*], [i]-ii, [1]-248.
5 (*Acrogens*): 1890 (p. iv: Mai 1880, sic; Nat. Nov. Jan(1) 1891; TBC 10 Mar 1891), p. [i-iv, [249]-428.
6 (*Musci*): With N. C. Kindberg, see entry below (1892).
7 (*Lichenes* and *Hepaticae*): 1902 (p. v: 12 Jun 1902; TBC 28 Nov 1902), p. [i]-v, [1]-318, [i]-xix (index). – Part on hepaticae also reprinted separately: 1902, p. [i]-v, [1]-48, [i]-iv (index). *Copies*: H, NY, part on lichens id., p. [49]-180, iii-x (index). *Copies*: H, NY. – Pages 181-318 contain a supplement to part 6, musci.

Copies: BR, G, H, L, MO, NY, US (2), USDA; IDC 7582.
Addition: See J. M. Macoun, *Contr. Canad. bot.*, 1-18, 1894-1906.
Note: for bryological papers by Macoun himself see e.g. Rickett (1955).

5200. *Check list of Canadian plants* ... Ottawa (printed by Cunningham & Lindsay) 1889. (*Check list Canad. pl.*).
Publ.: 1889 (TBC 8 Apr 1889), p. [3]-68, [1, err., note, loose]. *Copies*: G, MO, USDA.

5201. Geological and natural history survey of Canada ... *Catalogue of Canadian plants*. Part IV. *Musci*. Montreal (William Foster Brown & Co.) 1892. Oct. (*Cat. Canad. pl., Musci*).
Co-author: Nils Conrad Kindberg 1832-1910. On some copies the name of N. C. Kindberg appears only on a pasted label.
The original t.p. had only the name of Macoun, later covers and t.p.'s have both names.
Publ.: Jul 1892 (p. v: 16 Jun 1892; ÖbZ Aug 1892; USDA rd. 26 Oct 1892; Nat. Nov. Oct(2) 1892; TBC 10 Sep 1892; Bot. Gaz. Nov 1882), p. [i*], [i]-v, [1, err.], [1]-295. *Copies*: G, H, L, MO, NY, US(2), USDA. – Kindberg described 237 new species out of a total of 953 species listed for Canada. For a critical review see Steere (1977) and Crum and Steere 1977. For a supplement see Cat. pl. Canada 7: 181-318. 1902, issued separately, p. [i]-v, [181]- 318, x-xix (index). *Copies*: BR, NY.
Preliminary publication: Contribution to the Bryology of Canada, Bull. Torrey bot. Club 16: 91-98. Apr 1889, 17: 83-90. 10 Apr 1890, 271-280. Nov 1890.
Ref.: Anon., Bull. Torrey bot. Club 19: 275. 10 Sep 1892.
Britten, J., J. Bot. 31: 61. Feb 1893.

5202. *The cryptogamic flora of Ottawa* ... [Ottawa Naturalist 1897-1898]. Qu.
Publ.: Consolidated reprint Sep 1898, p. [1]-60. *Copies*: BR, PH. – Reprinted and to be cited from Ottawa Natural. 11(7): [129]-140. Oct 1897; (9): [161]-172. Dec 1897; (11): [193]-204. Feb 1898; 12(2); [25[-32. Apr/Mai 1898; (3): [49]-56. Jun 1898: (5): [93]-100. Aug (issued Sep) 1898.

MacOwan, Peter (1830-1909), British botanist; B. A. Univ. London 1857; from 1861 in South-Africa; teacher at Grahamstown (1861-1869); at Gill College, Somerset East (1861-1881); director botanical garden Capetown (1881-1892); Government Botanist (1892-1905). (*MacOwan*).

HERBARIUM and TYPES: GRA. Duplicates see IH. Exsiccatae: *Herbarium austro-africanum* (with Harry Bolus, 1834-1911), cent. 1-20, 1855-1899, sets see IH.

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Macquart, Justin [Jean] [Pierre Marie] (1778-1855), French botanist and entomologist at Lille; long-time director of the Lille Musée d'Histoire naturelle; eventually mayor of Lestrem and member of the Conseil général du Pas de Calais. (*Macquart*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1215; Herder p. 169; PR 5727; Rehder 3: 189; Tucker 1: 452
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Publ.: 1852 (t.p. of reprint as well as of journal fascicle), p. [1]-366. *Copy*: BR. – Reprinted from Mém. Soc. natl. Sci. Agr. Arts Lille 1851: 174-530. 1852.
Supplément: Mém. Soc. nat. Sci. Agr. Arts Lille 1853: 120-156. 1853.

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3: 1856 (submitted 2 Nov 1855), p. [1]-159. Reprinted from id. 1855: 253-407. 1856. *Copy*: BR. – Copy of journal publication: BM.

Macreight, Daniel Chambers (1799-1868), Irish physician and botanist; BA Dublin 1820, MD 1827; lecturer at Middlesex Hospital, 1837 (*Macreight*).

HERBARIUM and TYPES: DBN.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 432; BB p. 203; BM 3: 1215; Desmond p. 414 (d. 10 Dec 1857); Herder p. 170; IH 2: 488; Jackson p. 234; Kew 3: 551; PR 5728 (ed. 1: 6395); Rehder 5: 535.
Briquet, J., Bull. Soc. bot. Suisse 50a: 303. 1940 (stayed for some time in Geneva in 1830, botanising with Alph. de Candolle and G. F. Reuter).
Candolle, A. P. de, Mém. souv . 412. 1862.
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Publ.: 1837, p. [i*], [i]-xvii, [1]-296. *Copies*: G, NY, USDA.

McVaugh, Rogers (1909-x), American botanist and botanical historian; at the Bureau of Plant Industry 1938-1946; from 1938 at the University of Michigan, ultimately as H. H. Bartlett professor of botany; president of I. A. P. T. 1970-1975. (*McVaugh*).

HERBARIUM and TYPES: Mainly at MICH; earlier collections e.g. at NYS and NA (now US); see IH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 433 (b. 17 Aug 1909); BFM 2344; Bossert p. 261; GR p. 231; Hortus 3: 1119 ("McVaugh"); IH 1 (ed. 6): 361, 2: 488; Kew 3: 551-552; Langman p. 493-494; Lenley p. 278; Pennell p. 613; PH 209, 558; Roon p. 76; TL-2/424, 781.
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FESTSCHRIFT: Taxon 28(1-3): 1-294. Apr 1979 (with brief tribute and biogr. sketch by W. R. Anderson et al.; portr.).

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Macvicar, John Gibson (1801-1884), Scottish clergyman and botanist; M. A. St. Andrews, pastor Scottish Church in Ceylon 1839-1852; minister at Moffat 1853-1884. (*J. Macvicar*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 433 (b. Mar 1901, d. 12 Feb 1884); BB p. 203; CSP 4: 172-173, 8: 302, 16: 988; Desmond p. 414; DNB 35: 285-286; Jackson p. 70, 91, 151; PR 5729 (ed. 1: 6396); Rehder 5: 535.

5207. *Observations on the germination of the Filices* ... Edinburgh (printed by P. Neill) 1824. Qu. (*Obs. germin. Fil.*).
Publ.: 1824, p. [i-ii], [1]-8, *1 pl.* (col. lith.). *Copy*: G. – Reprinted from Trans. roy. Soc. Edinburgh W: 263-270. 1824.

Macvicar, Symers Macdonald (1857-1932), Scottish hepaticologist at Invermoidart, Shona; trained as a physician but dedicating himself fully to hepaticology. (*Macvicar*).

HERBARIUM and TYPES: BM; further material DBN, E, MANCH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 433; BJI 2: 109; BL 2: 302, 304, 686; BM 3: 1215, 7: 778; Clokie p. 205; CSP 16: 988; Desmond p. 414; De Toni 4: xxxviii; IH 2: 488-489; Kew 3: 552; SBC p. 126 ("Macv."); Tucker 1: 452.
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Publ.: Nov-Dec 1905 (p. 4: Oct 1905; J. Bot. Jan 1906), p. [1]-24. *Copy*: NY.

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Ref.: Lett, J. Bot. 49: 37-38. 1911.
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Illustrations: Hampden Gurney Jameson (1852-1939).
Ed. 1: Aug 1912 (p. v: Jul 1912; ÖbZ 1 Sep 1912; Bot. Centralbl. 17 Sep 1912; J. Bot. Oct 1912; Bryologist 12 Nov 1912; Nat. Nov. Aug(1) 1912), p. [i]-xxiii, [1]-463. *Copies*: MO, US.
Ed. 2: 1926 (t.p.) but 1927? (Nat. Nov. Oct 1927; J. Bot. Mai 1927; NYBG Nov 1927), p. [i]-xxix, *pl. A* (on p. [xxx]), [1, expl. pl.], [1]-464, [i]-viii. *Copies*: G, H, MO, NY, US, USDA. – "Second edition, revised and enlarged" Eastbourne (... V. T. Sumfield), London (... Wheldon & Wesley) 1926. Oct.
Facsimile repr. ed. 2: 1960, as orig. With new imprint. *Copies*: B, U-V. – "Authorised reprint of the second edition (1926) ... " Codicote, Herts (Wheldon & Wesley, Ltd.), Weinheim (H. R. Engelmann), New York (Stechert – Hafner).
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Nicholson, W. E., J. Bot. 65: 87-88. Mai 1927.

Madden, Edward (1805-1856) Irish-born British botanist; officer in the Bengal Army 1830-1849 (*Madden*).

HERBARIUM and TYPES: K; other material at CAL, E, OXF.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 433; BB p. 203; Clokie p. 205; Desmond p. 414; IH 2: 489; Jackson p. 388; Rehder 5: 535; Tucker 1: 452.
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Madenis, Claude Benoît (1798-1863), French clergyman and botanist at Lyon. (*Madenis*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 433 (d. 17 Sep 1903).
Magnin, A., Bull. Soc. bot. Lyon 32: 21, 128. 1907, 35: 37. 1910.
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NOTE: Madenis was the anonymous author of *Analyse des plantes qui croissent spontanément aux envirous de Lyon et sur le Pilat,* Lyon 1836, 72 p. (PR p. 485 as of 1838); later editions published as *Manuel des jeunes botanistes* . . . Lyon 1838, x, 90, 108 p. and *Manuel du botaniste herborisant* . . . Lyon, Paris 1842 (?), v, vi, 86, 148 p. (No copies seen); also: *Analyse des plantes vasculaires du Lyonnais* et du Mont Pilat . . . Lyon 1838, iv, 113 p.; For further details see Magnin (1907, 1910).

Mägdefrau, Karl (1907-x), German botanist, palaeobiologist and historian of botany; Dr. phil. München 1932; at Halle 1930-1934; at Erlangen 1932-1948, at München 1948-1951 (forestry botany), 1951-1960 (professor of botany at University); at Tübingen (as prof. of systematic bot.) 1960-1972. (*Mägd.*).

HERBARIUM and TYPES: M and TUB.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 299; Barnhart 2: 434; BFM 2194, 3287; BJI 2: 109; Bossert p. 248; GR p. 30, cat. p. 67; IH 2: 490; Kew 3: 555; Moebius p. 128; Roon p. 72; SBC p. 126 ("Mägd."); TL-2/2: no. 3961.
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Publ.: 1942, p. [i]-v, [1]-396. *Copy*: FI.

Maerklin, Georg Friedrich (1761-1823), German pharmacist and botanist at Wiesloch. (*Maerkl.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 434; BM 3: 1218; CSP 4: 246; Dryander 3: 89, 443; GR p. 109; Herder p. 112; Hortus 3: 1199 ("Märkl."); LS 16261; PR 5732 (ed. 1: 6400).
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Publ.: 1823, p. [i]-xii, [1]-83. *Copy*: REG.

Maerter, Franz Joseph (1753-1827), Austrian botanist, in tropical America 1783-1788. (*Maerter*).

HERBARIUM and TYPES: W; further material at BR and M. – Living plants at Schönbrunn described by N. J. v. Jacquin.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 435; BM 3: 1218; Dawson p. 799, 850; Dryander 1: 162, 2: 116, 3: 207, 558; Herder p. 313, 380, 399; IH 2: 489; Kew 3: 556; Lasègue p. 459-460; PR 5733-5736 (ed. 1: 6401-6407); Rehder 5: 536; SO 273; Tucker 1: 452.
Ewan, J., *in* F. Pursh, Fl. Amer. sept. facs. repr. 1979, intr. p. 21.
Jacquin, N. J., Pl. Hort. schoenbr. 1: iii-v. 1797.
Neilreich, A., Verh. zool. bot. Ver. Wien 5: 34, 46. 1855.
Umlauft, A., *in* Fritsch, K. et al., Bot. Anst. Wiens 38. 1894 (material from Brazilian exp. rd. W. 12 Sep 1788).
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Magalon, Marius (*fl.* 1929), French botanist, high school teacher at Hanoi. (*Magalon*).

HERBARIUM and TYPES: P.

BIBLIOGRAPHY and BIOGRAPHY: IH 2: 490.

5220. *Éléments de botanique indochinoise* . . . Hanoi (Imprimerie d'Extrême-Orient) 1929. Oct (Élém. bot. indoch.).
Co-author: P. A. Petelot.
Publ.: 1929, p. [1]-205, [i]-xii, *pl. 1-41*. *Copy*: USDA.

5221. *Contribution à l'étude des Palmiers de l' Indochine française* . . . Paris (Les Presses modernes . . .) 1930. Oct. (*Contr. étud. Palmiers Indoch.*)
Publ.: 1930, p. [1]-247, *pl. 1-5*. *Copy*: USDA.

Magne, Jean Herni (1804-1885), French veterinarian and botanist; high school teacher at Lyon 1824-1842, from 1843 teacher at the Veterinary College of Alfort (Seine). (*Magne*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 435; BL 2: 102, 686; BM 3: 1220, 7: 782; CSP 4: 181, 16: 1000; GR p. 335; Jackson p. 274; Kew 3: 557; Morren ed. 2, p. 16, ed. 10. p. 58; Rehder 5: 536; Tucker 1: 453.
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Co-author: Gillet, Claude Casimir (1806-1896) (see TL-2/1: nos. 2018-2021).

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Ed. 6: 1887 (t.p.), p. [i*-ii*], [i]-xxiv, [1]-781, [782]. *Copies*: BR, G, MO, NY. – "Sixième édition, revue et corrigée." Paris (id.). 1887. 18-mo.
Ed. 7: 1898 (t.p.), p. [i*-iii*], [i]-xxiv, [1]-781, [782]. *Copy*: BR. – "Septième édition, revue et corrigée." Paris (id.). 1898. 18-mo.
Ed. 8: 1903 (t.p.), p. [i*-iii*], [i]-xxiv, [1]-781, [782]. *Copy*: BR. – "Huitième édition, revue et corrigée." Paris (id.). 1903. 18-mo.

Magnier, Charles (*fl.* 1882), French librarian, botanist and plant collector at St. Quentin (Aisne). (*Magnier*).

HERBARIUM and TYPES: Unknown. Main series of exsiccatae: (1) *Plantae galliae septentrionalis et belgii*, fasc. 1-7, St. Quentin (1879-?). Sets see IH and Sayre.
(2) *Flora selecta exsiccata*, fasc. 1-16, nos. 1-4137, St. Quentin, Paris, (1882-1897), id. For text see *Scrinia fl. select.* (no. 5223). Letters (30) to Malinvaud at P.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 436; BL 2: 115, 116, 686; CSP 12: 473, 16: 1000; IH 2: 490; Kew 3: 557; Morren ed. 10, p. 69; Rehder 5: 536-537; Saccardo 2: 65; Tucker 1: 453; Urban-Berl. p. 372.
Anon., Bull. Soc. bot. France 26 (bibl.): 240. 1880 (exsicc.).
Freyn, Bot. Centralbl. 9: 436. 1882, 10: 36-37, 198-199. 1882 (on Scrinia fasc. 1), 25: 82-83. 1886, 32: 299-300. 1887.
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 107. 1970 ("Specimens in his herbarium often made by other collectors" sic).
Sayre, G., Mem. New York Bot. Gard. 19(1): 34-35. 1969.

5223. *Scrinia florae selectae* ... Saint-Quentin (author) 1882-1897, 16 fasc. Oct. (*Scrin. fl. select.*).
Publ.: Contains the schedae for the series of exsiccatae *Flora selecta*. Fascicle 1 is a lithographic reproduction of a handwritten text; the other fascicles are printed. *Copies*: G(2), MO, USDA.

Fasc.	date on cover	pages	date of publ.
1	1882	[1]-48	Jan-Mar 1882
2	1883	[49]-56, [1]-18	Jan-Mai 1883
3	1884	[57]-72	1884
4	1885	[73]-88	Jun 1885
5	1886	[89]-104	Jun-Aug 1886
6	1887	[105]-120	1887
7	1888	[121]-136	1888
8	1889	[137]-155	1889
9	1890	[157]-176	1890
10	1891	[177]-196	Apr 1891
liste des espèces		[197]-228	1891?
11	1892	[229]-262	1892
12	1893	[263]-297	1893
13	1894	[299]-335	1894
14	1895	[337]-363	1895
15	1896	[365]-383	1896
16	1897	[385]-400	1897

Magnin, Antoine (1848-1926), French physician and botanist at Lyon, later at Besançon; Dr. med. Paris 1876. (*Magnin*).

HERBARIUM and TYPES: LY; other material at P and PC. – 30 Letters to Malinvaud at P.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 436; BB p. 335-336; BL 2: 686 [index]; BM 3: 1220-1221, 7: 782; CSP 8: 305, 10: 692, 12: 473-474, 16: 1001-1002; De Toni p. xxxviii; GR p. 335, *pl.* [32]; Jackson p. 576; Kelly p. 136; Kew 3: 557-558; LS 16278-16336, 36413-36431, suppl. 16903-16907; Morren ed. 10, p. 64; Plesch p. 322; Rehder 5: 537; Tucker 1: 453.
Anon., Ber. Schweiz. bot. Ges. 36: v-x. 1927; Bull. Soc. bot. France 24(bibl.): 85-86. 1877 (rev. of his doctor's thesis); Monde des Pl. 7: 74. 1898.
Beauverie, J., Rev. gén. Bot. 39: 129-171. 1927 (portr., bibl.).
Fournier, E., Bull. Ass. amic. anciens Élèves Sect. Sci. appl. Fac. Besançon 1926: 23-26. (n.v.).
Gager, C. S., Brooklyn Bot. Gard. Rec. 27(3): 195 (1890-1919 at Besançon), 203 (1881-1884 at Lyon). 1938.
Magnin, A., Bull. Soc. bot. France 23: cxciii. 1876 (on herb.); Bull. Soc. bot. Lyon 32: 62. 1907.

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Morot, J., J. de Bot. 8, suppl. 3: xiii-xv. 1894 (rev. Vég. Monts Jura, 1893).
Rudio, Bull. Soc. bot. Genève ser. 2. 18: 319-320. 1926.

COMPOSITE WORKS: published *Archives de la flore jurassienne* Année 1-6, Jan 1900-Nov 1905.

EPONYMY: *Magninia* M. Choisy (1929).

5224. *Recherches sur la géographie botanique du Lyonnais* ... Bas-Plateaux lyonnais cotière méridionale de la Dombes. Avec deux cartes coloriées. Paris (Librairie J.-B. Baillière, et Fils ...), Londres (Baillière, Tindall and Cox), Madrid (Carlos Bailly-Baillière) 1879. Oct. (*Rech. géogr. bot. Lyonnais*).
Publ.: 1879 (t.p.; Bot. Centralbl. 26 Jan-1 Feb 1880; Nat. Nov. Feb(2) 1880), p. [ii*, err.], [i]-vi, [1]-159, *pl. 1-2* with text. *Copy*: MO.

5225. Les botanistes Lyonnais I *Claret de La Tourrette* sa vie, ses travaux, ses recherches sur les lichens du Lyonnais d'après ses ouvrages et les notes inédites de son herbier ... Paris (J.-B. Baillière & fils, ...), Lyon (H. Georg, ...) 1885. Oct. (*La Tourrette*).
Publ.: Jan-Apr 1885 (Nat. Nov. Mai(3) 1885; J. Bot. Jun 1885; Bot. Centralbl. 8-12 Jun 1885; Bot. Zeit. 26 Jun 1885), p. [i, iii], [1]-236, autographs. *Copies*: G, NY, Stevenson.

5226. *La végétation de la région lyonnaise* et de la partie Moyenne du Bassin du Rhône ou description topographique, géologique et botanique des régions du Lyonnais, du Beaujolais, de la Dombes et du Bas-Dauphiné; caractères de leurs flores étudiées dans leurs rapports avec le climat et la nature du sol et comparées avec celles des régions voisines du Forez, du la Bresse, de Jura méridional et des terres-froides, ... Bale, Lyon, Genève (H. Georg, ...) 1886. Oct (*Vég. rég. lyonn.*).
Publ.: Mai-Jul 1886 (p. iv: Apr 1886; BSbF 23 Jul 1886; Nat. Nov. Aug(1) 1886; Bot. Centralbl. 23-27 Aug 1886; J. Bot. Oct 1886; Bot. Zeit. 27 Aug 1886), p. [i]-xvi. [1]-513, 7 maps. *Copies*: FI, G, NY.
Ref.: Freyn, J. F., Bot. Centralbl. 29: 7-10. 3-7 Jan 1887.

5227. *Observations sur la flore du Jura* et du Lyonnais ... Besançon (imprimerie et lithographie Dodivers ...) 1894-1897, 2 parts. (*Observ. fl. Jura*).
Co-author: François Hétier (1866-?).
1: 1894 (as reprint, fide t.p.), p. [i]-ix, [1]-173. Reprinted from Mém. Soc. Emul. Doubs sér. 6. 9: 329-412. 1895 and sér. 6. 10: 227-317. 1896. *Author*: Magnin.
2: 1897 (id.), p. [175]-282, *pl. 1*. Reprinted from id. sér. 7. 1: 85-173. 1897 (journal issue n.v.). – Contains F. Hétier, *Contribution à l'étude botanique des bassins lacustres*.

5228. Les lacs du Jura: no. iv. *Monographies botaniques de 74 lacs jurassiens* suivies de considérations générales sur la végétation lacustre ... Paris (Paul Klincksieck ...) 1904. Oct. (*Monogr. bot. lacs jurass.*).
Publ.: 1904, p. [i]-xvii [xviii-xx], [1]-426, 1 err.slip, *11, 6 and 2 plates*. *Copies*: BR, FI. – Previous issues in this series: (1) Généralités sur la limnologie jurassienne (1895), (2) Végétation des lacs du Jura suisse (1896), (3) Révision des Potamots de France (1897), all Lyon/Paris (Georg et J. B. Baillière) and by A. Magnin.

5229. *Prodrome d'une histoire des botanistes Lyonnais* ... Lyon (Association typographique ...) 1907. (*Prodr. hist. bot. Lyonn.*).
Main volume: 1906-1907 (t.p. 1906), p. [i-iii], [1]-140, [1, err.], [1]-4. Originally published Bull. Soc. bot. Lyon 31: 1-72. 1906, 32: 1-68. 1907.
Additions et corrections, 1° serie: 1907, p. [1]-39, [1]-4. From id. 32: 103-141. 1907.
Additions et corrections, 2° serie: 1911, p. [i-iv], [1]-68. From id. 35: 13-80. 1910. *Copies*: G, NY.

Magnol, Pierre (1638-1715), French physician and botanist at Montpellier. (*Magnol*).

HERBARIUM and TYPES: LINN; further material BM-SL, OXF. See also Loret (1866).

BIBLIOGRAPHY and BIOGRAPHY: AG2(1): 346, 6(1): 748; Ainsworth p. 244, 310; Backer p.

348; Barnhart 2: 436; BM 3: 1221; Bossert p. 249; Clokie p. 206; Dryander 3: 28, 109, 143; DSB 9: 17-18; GR p. 336; Herder p. 140, 153, 174; HU 374, 397, 451; IH 2: 490; Jackson p. 31, 287, 420; Kew 3: 558; Lasègue p. 321, 356; LS 16339-16341; Moebius p. 48, 261; NI 1256n, 1257; Plesch p. 320-323; PR 5738-5742 (ed. 1: 6413-6416); Rehder 5: 537; Sotheby no. 493; TL-2/1: see Bouchet, D.; Tucker 1: 453.
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Ewan, J. & N., John Banister 18, 101, 208. 1970.
Granel de Solignac, L. & L. Bertrand, Naturalia monsp. 18: 280-281. 1967 (herb. Chirac, not Magnol).
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Planchon, J. E., La botanique à Montpellier, notes et documents réunis et publiés par J. E. Planchon. Une vie inédite de Pierre Magnol, par son fils Antoine Magnol. Montpellier 1884, 34 p. (extrait du Montpellier médical, février et avril 1884).
Sachs, J. v., Hist. de bot. 7, 485. 1892.
Stafleu, F. A., Linnaeus and the Linnaeans 377 [index]. 1971.
Stearn, W. T., *in* Cat. Books Hunt 2(1): xli-cxl. 1961 (=HU vol. 2(1)); Magnol's Botanicum monspeliense and Linnaeus's Flora monspeliensis, *in* Festschrift für Claus Nissen 612-650. 1973. (important modern study of Magnol and his nomenclature, portr.; Magnol b. 8 Jun 1638).

EPONYMY: *Magnolia* Linnaeus (1753). *Note*: There are at least ten different generic names with the stem *Magnoli-*, all of them based on fossil material.

5230. *Botanicum monspeliense*, sive plantarum circa Monspelium nascentium protognomon. In quo plantarum nomina meliora seliguntur: loca, in quibus plantae spontè adolescent, tum à prioribus botanicis, tum ab authore observata indicantur: & praecipuae facultates edocentur. Adduntur variarum plantarum nondum descriptarum descriptiones, & icones, tum & figurae quarundam quas solum descripsit Casp. Bauhinus in Prodromo . . . Lugduni [Lyon] (ex officina Francisci Carteron. Impensis Francisci Bourly , bibliopolae monspeliensis) 1676. Oct. (*Bot. monsp.*).
Publ.: 1676, p. [i-xvi], 1-287, *3 pl.* outside text, many in text. *Copies*: G, NY(2) (has orig. t.p. but bound in p. 289-309 and app. alt. [1-2]).
Reissue: 1676, p. [i-xvi], 1-287, [1, err.], pl. as in ed. princ. *Copies*: MO, USDA. – "Botanicum . . . nascentium index. In quo . . . "
Ed. 2: 1686, p. [i-xvi], 1-309, *19* plates in text, *4* on separate lvs.; appendix on p. 289-309, appendix altera [1-2] in copy MO. *Copies*: FI, G, MO, NY, USDA; IDC 194. – *Botanicum* . . . nascentium index. In quo . . . cum appendice quae plantas de novo repertas continet, & errata emandat . . . Monspelii (Ex officina Danielis Pech. Impensis Pauli Marret bibliopolae monspeliensis) 1686. Oct.; p. [i-xvi] and 1-287 are a reissue of the 1676 ed. princeps.
Re-issue: 1688. *Copy*: LINN, see Stearn (1973, p. 617) and Dryander 3: 143.
General commentary: (and link with Linnaeus's *Fl. monsp.*) see Stearn (1973); see also Guédès, M., J. Soc. Bibl. nat. Hist. 9(1): 42,43. 1978 (on *Appendix altera*).

5231. Petri Magnol . . . *Prodromus historiae generalis plantarum* in quo familiae plantarum per tabulas disponuntur . . . Monspelii [Montpellier] (Ex Typographiâ Gabrielis & Honorati Pech Fratrum, . . .) 1689. Oct. (in fours). (*Prodr. hist. pl.*).

Publ.: 1689 (privilège 9 Aug 1689), p. [i-xxx], 1-79, [1-14, index], [1, priv.]. *Copies*: G, NY(2), USDA. – The second NY copy has an *Appendix altera* [1-2] which belongs to ed. 2 of *Botanicum monsp.*

5232. *Hortus regius monspeliensis*, sive catalogus plantarum quae in Horto regio monspeliensi demonstrantur ... Accesserunt novae plurimarum plantarum cum suis iconibus, descriptiones. Virtutes etiam juxta Neotericorum principia breviter explicantur. Monspelii [Montpellier] (Apud Honoratum Pech, ...) 1697. Oct. (in fours). (*Hort. reg. monsp.*).
Publ.: 1697, p. [i-xv], 1-209, *21* uncol. unnumbered copper engr. *Copies*: FI, G, L, MO, NY; IDC 5586.

5233. Petri Magnol ... *Novus caracter plantarum*, in duos tractatus divisus, primus, de herbis & subfruticibus, in tres libros divisus ... Opus posthumum summi laboris ab authoris filio in eâdem Medicorum Academiâ professore regio in lucem editum ... Monspelii [Montpellier] (apud Viduam Honorati Pech, ...) 1720.Qu.(*Nov. caract. pl.*).
Editor: Antoine Magnol, son of P. Magnol.
Publ.: 1720, p. [i-vi], 1-340, [1, err.]. *Copies*: FI, G, HU, MO, U. – See HU 451 for collation and details.

Magnus, Paul Wilhelm (1844-1914), German botanist; Dr. phil. Berlin 1870; habil. Berlin 1875; lecturer and (1880) professor of botany at the University of Berlin, 1875-1914; Geh.-Regierungsrat 1911. (*Magnus*).

HERBARIUM and TYPES: HBG; duplicates see IH.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 656; Ainsworth p. 102-103, 283, 323; Andrews p. 299; Backer p. 348; Barnhart 2: 436; BJI 1: 38; BM 3: 1221, 7: 782; Bossert p. 249; CSP 8: 307, 10: 692-693, 12: 474-475, 16: 1002-1005; De Toni 1: lxxx-lxxxi, 4: xxxviii; DTS 1: 179-180, 3(Nachtr.): [iii]; Frank 3(Anh.): 61; GR p. 109; Hawksworth p. 184; Herder p. 464 [ind.]; Hortus 3: 1199 ("Magnus"); IH1(ed. 6): 361, 2: 490; Jackson p. 576; Kelly p. 137-139, 225; Kew 3: 558; KR p. 487; Lenley p. 279; LS 16342-16597, 36432-36467, suppl. 16910-16926; Morren ed. 10, p. 61; MW p. 289; NAF 7(15): 1077-1078; NW p. 52; PR 5743; Rehder 5: 537; Saccardo 1: 99; SK 1: 344, 5: ccxcix; Stevenson p. 1250; TL-2/1: no. 1299; Tucker 1: 453; Urban-Berl. p. 266, 278.

Anon., Bot. Centralbl. 1/2: 686-687. 1880 (app. prof. bot. Berlin), 110: 592. 1909 (app. prof.), 125: 480. 1914 (d.); Bot. Not. 1914: 95 (d. 13 Mar 1914); Deut. biogr. Jahrb. 1 (1914-1916): 300. 1925; Mycol. Centralbl. 4: 110. 1914; Nat. Nov. 36: 175. 1914 (d. 12 Mar 1914); Österr. bot. Z. 30: 270. 1880 (app. lect. bot. Berlin), 59: 127. 1909 (app. prof.), 61: 47. 1911 (Geheimrat); 64: 72. 1914 (d.).
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Wittrock, V. B., Acta Horti Berg. 3(2): 135, *pl. 26.* 1903; 3(3): 144. *pl. 130.* 1905 (portr.).
Wood, R. D., Monogr. Charac. 1: 825. 1965.

COMPOSITE WORKS: (1) EP, *Die natürlichen Pflanzenfamilien, Najadaceae*, in 2(1): 214-218. 22 Feb 1889; suppl. Nachtr. 2-4: 37. Jul 1897.

NOTE: Magnus was a prolific author who published in many journals. He often received reprints with new pagination. We do not list all of them, especially those of a few pages only, because it is anyhow preferable to cite them from the journals. In a few cases confusion is possible and the reprints are then listed here.

EPONYMY: *Magnusia* P. A. Saccardo (1878); *Magnusiella* R. Sadebeck (1893); *Magnusina* O. Kuntze (1891); *Magnusiomyces* J. Zender (1925); *Paulomagnusia* O. Kuntze (1891).

5234. *Beiträge zur Kenntniss der Gattung Najas L.* Botanische Inaugural-Dissertation zur Erlangung der Doctorwürde in der Philosophie vorgelegt der philosophischen Facultät der Friedrich-Wilhelms Universität zu Berlin zu verteidigen am 19. Mai 1870 von P. Magnus aus Berlin ... Berlin (Druck von Georg Reimer) 1870. Qu. (*Beitr. Kenntn. Najas*).
Publ.: 19 Mai 1870 (J. Bot. Aug 1870), p. [i-iii], [1]-19, [20, theses], *pl. 1. Copy*: KNAW. – This is the first part of the paper which was published commercially Jul-Oct 1870, see below.
Trade-issue: Jul-Oct 1870 (Bot. Zeit. 21 Oct 1870), p. [i]-viii, [1]-63, [64, cent.], *pl. 1-8* uncol. liths. (some details sometimes col.). *Copies*: G, MO, NY, USDA. – *Beiträge ... Najas* L. von P. Magnus. Mit 8 lithographirten Tafeln. Berlin (Druck und Verlag von Georg Reimer) 1870. Qu.

5235. *Erstes Verzeichniss* der ihm aus dem Kanton Graubünden bekannt gewordenen *Pilze* ... Chur (Druck von Gebrüder Casanova) 1890. Oct. (*Erst. Verz. Pilze*).
Publ.: 1890 (t.p. reprint; ÖbZ Lit. Dec 1890, publ. 1891), p. [1]-73, [i]-ii. *Copies*: BR, G, NY. – Preprinted from Jahresb. naturf. Ges. Graubünden ser. 2. 34: 1-73, i-ii. 1891.

5236. Wie ist die Pilzgattung *Laestadia* jetzt zu bezeichnen? [Wien 1894]. Oct.
Publ.: Jun 1894, p. [1]-3. *Copy*: NY. – Reprinted and to be cited from Österr. bot. Z. 44: 201-203. 1894.

5237. *Beitrag zur Pilz-Flora von Franken* insbesondere der Umgegend von Nürnberg ... [Nürnberg (H. E. Sebold) 1895-1906], 4 parts. Oct.

Erster Beitrag: 1895, p. [1]-20. Reprinted from Abh. naturh. Ges. Nürnberg 10(4): 121-140. 1895.
Zweiter Beitrag: 1898, p. [21]-57, *pl. 14*. Reprinted from id. 1: 53-87. 1898.
Dritter Beitrag: 1900, p. [1]-44. Reprinted from id. 13: 1-44. 1900.
Vierter Beitrag: 1906, p. [1]-105. Reprinted from id. 16(1): 189-293. 1906. *Copies*: BR, MO, USDA. – To be cited from journal.

5238. J. Bornmüller, *Iter persico-turcicum* 1892/93. *Fungi*, pars i. Ein Beitrag zur Kenntniss der Pilze der Orients ... [Wien 1896]. Oct.
Publ.: 16 Dec 1896, p. [1]-10, *pl. 7. Copy*: NY. – Verh. zool.-bot. Ges. Wien 46: 426-434. 16 Dec 1896. To be cited from journal. Continued ib. 49: 87-103, *pl. 2-3*. 27 Feb 1899 and 50: 432-449, *pl. 2-3*. 9 Nov 1900.

5239. Persönliche und sachliche *Bemerkungen zu Dr. G. Lagerheim's Abhandlung Uredineae herbarii Eliae Fries* ... Cassel (Druck von Gebr. Gotthelft, ...) 1896. Oct.
Publ.: 4 Jun 1896, p. [1]-7. *Copy*: NY. – Reprinted from Bot. Centralbl. 66: 284-290. 1896. To be cited from journal.

5240. *Die Erysipheen Tirols* [Innsbruck 1899]. Oct.
Publ.: 1899 (Nat. Nov. Sep(2) 1899), p. [1]-25. *Copy*: BR. – Reprinted and to be cited from Ber. naturw.-med. Ver. Innsbruck 24: 97-121. 1899.

5241. *Vorschläge zur Nomenklatur der parasitischen Pilze* zu Handen des Internationalen Kongressen von 1910. [s.l.n.d., 1910].
Co-author: Eduard Fischer (1861-1939).
Publ.: 1910, leaflet of 1 p. containing proposals dealing with the nomenclature of parasitic fungi. *Copy*: FAS. – Submitted to the Bruxelles Congress of 1910. – Species of parasitic fungi to be established on morphological or developmental characters only.

5242. *Nachtrag* zu: *Die Pilze*, bearbeitet von P. Magnus in der Flora der gefürst. Grafschaft Tirol, des Landes Vorarlberg und des Fürstentums Liechtenstein von Prof. Dr. K. W. v. Dalla Torre und Ludw. Grafen v. Sarnthein: III. Band, Innsbruck, Wagner 1905. Von Prof. Dr. Paul Magnus (†). Innsbruck (Selbstverlag des Naturwiss. – Mediz. Vereines in Innsbruck) 1926. Oct. (*Nachtr. Pilze*).
Publ.: 1926 (ÖbZ Feb-Mai 1926), p. [i-iv], [1]-315. *Copies*: BR, Stevenson, U.- Berichte des naturwissenschaftlich-medizinischen Vereines in Innsbruck, vol. 40, 1926. – For the original treatment, also by Magnus, see under Dalla Torre (TL-2/1: no. 1299) vol. 3, 1905.

Magnusson, Adolf Hugo (1885-1964), Swedish lichenologist; studied at Uppsala; pupil of R. Sernander; teacher at Göteborg from 1909-1948. (*Magnusson*).

HERBARIUM and TYPES: UPS (70.000); important sets of lichens at GB and S. – *Lichenes selecti scandinavici exsiccati*, facs. 1-17, nos. 1-425, 1927-1952, sets see IH (only 25 sets were distributed). Hawaiian lichens at S.

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5245. *Report of the scientific results of the Norwegian expedition to Novaya Zemlya* 1921. No. 34. A. H. Magnusson *Acarospora* . . . Oslo (Kristiania) (A. W. Brøggers Boktrykkeri a/s). 1926. Oct. (*Rep. exped. Novaya Zemlya, Acarospora*).
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Publ.: Jan-Feb 1930 (p. 400: printed 30 Dec 1929; US rd. 26 Mar 1930), p. [1]-400, maps 1-18. *Copies*: FH, L, MO, NY, Stevenson, US, USDA. – K. Sv. Vet.-Akad. Handl. ser. 3. 7(4), Stockholm 1929 (t.p. volume).
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Publ.: early 1936 (printed 14 Dec 1935, reprint dated 1936), p. [1]-52, [1-2]. *Copies*: FI, MICH. – Reprinted and to be cited from Medd. Göteb. bot. Trädg. 10, 1936.

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Publ.: 1936, p. [1]-91, [93-94 err.]. *Copies*: FI (inf. C. Steinberg), MICH.

5252. *Studies in species of Lecanora* mainly the Aspicilia gibbosa group . . . with 44 figures in the text. Communicated April 13th 1938 by R. Sernander and N. E. Svedelius Stockholm (Almqvist & Wiksells Boktryckeri . . .) 1939. Oct. (*Stud. Lecanora*).
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Mágocsy-Dietz, Sándor [Alexander] (1855-1945), Hungarian botanist; high school teacher at the Budapest girls college (1888); extraord. prof. bot. Budapest 1897; full professor of botany Univ. Budapest 1901-1928. (*Mágocsy*).

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Maguire, Bassett (1904-x), American botanist and explorer of the neotropical flora; B. S. Univ. Georgia 1926; Ph. D. Cornell 1938; from 1931-1943 at Utah State Agricultural

College; from 1943 at the New York Botanical Garden; from 1971 semi-retired at New York and the Dominican Republic. (*Maguire*).

HERBARIUM and TYPES: NY; earlier coll. at UTC. – Duplicates in many herbaria; see IH.

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Maheu, Jacques Marie Albert (1873-1937), French pharmacist and lichenologist at Paris. (*Maheu*).

HERBARIUM and TYPES: PC (*lich.*).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 436; BM 3: 1222, 7: 783; CSP 16: 1007; GR p. 287, cat. p. 67; Hawksworth p. 184; IH 2: 492; Kelly p. 139; Kew 3: 562; LS 16608-16985; MW p. 289; PFC 2(2): xxvi, 3(2): x; SBC p. 126 ("Mah.").
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5254. *Lichens de l'ouest de la Corse.* Autun (Imprimerie Dejussieu et Xavier) 1914. Oct. (*Lich. ouest Corse*).
Co-author: Abel Gillet (1857-1927).
Publ.: 1914, p. [i-ii], [1]-63. *Copies*: FH, Stevenson. – Reprinted from Bull. Soc. Hist. nat. Autun 27: 49-111. 1914.

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Maiden, Joseph Henri (1859-1925), British-born Australian botanist; to Australia 1880;

curator Technological Museum of NSW 1881-1896; director of the Sydney botanical garden and goverment botanist 1896-1924; founder of the NSW herbarium. (*Maiden*).

HERBARIUM and TYPES: NSW; duplicates see IH.

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(4) *Records of Tasmanian botanists*, Hobart 1909, Royal Society of Tasmania, p. 1-21.
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Publ.: Jan-Mar 1889(p. xii: Jan 1889; Nat. Nov. Apr(2) 1889; J. Bot. Jun 1889), p. [i]-xii, [1], [1]-696. *Copies*: G, MO, NY, USDA; IDC 5139.
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5258. *The flowering plants and ferns of New South Wales*, with especial reference to their economic value, ... Sydney (Charles Potter, Government Printer, ...) 1895-1898, 7 parts. Qu. † (*Fl. pl. ferns N.S.W.*).
Co-author: W.S. Campbell

1: 1895, p. [i-iii], [1]-15, *pl. 1-4.*
2: Jul 1895, p. [i], 17-24, *pl. 5-8*, but issued later.
3: Oct 1895, p. [i], 25-36, *pl. 9-12.*
4: Jan 1896, p. [i], 37-46, *pl. 13-16.*
5: Oct 1896, p. [i], 47-56, *pl. 17-20.*
6: Apr 1897, p. [i]. 57-69, *pl. 21-24.*
7: Nov 1898, p. [i], 71-80, *pl. 25-28.*

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Ref.: Swann, C. K., J. Soc. Bibl. nat. Hist. 3(3): 125. 1956 (Maiden in lit.: "I desired to continue the work but it was represented to me that I was ruining the country by such extravagance.").

5259. *A manual of the grasses of New South Wales.* Sydney (William Applegate Gullick, Government Printer) 1898. Oct. (*Man. grasses N.S.W.*).
Co-author: (not on t.p.): W. S. Campbell.
Publ.: 1898 (Nat. Nov. Mar(2) 1900 as of "1899"), p. [i*] [i]-iv, [1]-199, *24* unnumbered uncol. plates. *Copies*: L, NY, US, USDA.
Ref.: Rendle, A. B., J. Bot. 37: 186-187. Apr 1899.

5260. *The forest flora of New South Wales* ... Sydney (William Applegate Gullick, Government Printer) [1903-] 1904-1925, 8 vols. Qu. (*Forest fl. N.S.W.*).
Publ.: In 77 parts, dates and contents of which are given in a 3 p. *Index of trees described*, issued with part 70. Dr. D. McGillivray sent us the following list. We checked this against other contemporary data and against our own analysis of various copies. The contents of the parts as found in copies with original covers does not always agree with the date of the *index*.

Vol.	Parts	Pages	Plates	Dates
1	1	[i]-iv, [1]-32	*1-4*	Feb 1903 ['1902']
	2	[i], 33-53	*5-8*	Mar 1903
	3	[i], 55-74	*9-12*	Mai 1903
	4	[i], 75-106	*13-16*	Jul 1903
	5	[i], 107-126	*17-20*	Nov 1903
	6	[i], 127-144	*21-24*	Feb 1904
	7	[i], 145-168	*25-28*	Mar 1904
	8	[i], 169-184	*29-32*	Mai 1904
	9	[i], 185-200	*33-36*	Mai 1904
	10	[i], 201-218	*37-40*	Jul 1904
	Index	[i]-xii		1904

Vol.	Parts	Pages	Plates	Dates
2	11	[i], 1-22	*41-44*	Sep 1904
	12	[i], 23-64	*45-48*	Nov 1904
	13	[i], 65-88	*49-52*	Nov 1904
	14	[i], 89-102	*53-56*	Feb 1905 ['1904']
	15	[i], 103-124	*57-60*	Mar 1905
	16	[i], 125-140	*61-64*	Jun 1905
	17	[i], 141-154	*65-68*	Oct 1905
	18	[i], 155-170	*69-72*	Nov 1905
	19	[i], 171-182	*73-76*	Jan 1906 ['1905']
	20	[i], 183-214		Jul 1906
	Index	[i]-xii		1907
3	21	[i], [1]-12	*77-80*	Aug 1906
	22	[i], [13]-26	*81-84*	Feb 1907 ['1906']
	23	[i], 27-62	*85-88*	Mar 1907
	24	[i], 63-78	*89-92*	Mai 1907
	25	[i], [79]-98	*93-96*	Jun 1907
	26	[99]-114	*97-100*	Sep 1907
	27	[i], [115]-128	*101-104*	Oct 1907
	28	[i], [129]-146	*105-108*	Dec 1907
	29	[i], [147]-160	*109-112*	Jan 1908 ['1907']
	30	[i-iii], [161]-180	*113-114*	Mar 1908
	Index	[i]-xi		1908
4	31	[i], [1]-16	*115-118*	Sep 1908
	32	[i], [17]-29	*119-122*	Nov 1908
	33	[i], [31]-44	*123-126*	Feb 1909 ['1908']
	34	[i], [45]-57	*127-130*	Mai 1909
	35	[i], [59]-82	*131-134*	Jul 1909
	36	[i], [83]-97	*135-138*	Oct 1909
	37	[i], [99]-116	*139-142*	Jan 1910 ['1909']
	38	[i], [117]-138	*143-146*	Feb 1910
	39	[i], [139]-155	*147-150*	Jun 1910
	40	[i-iii], [157]-175		Oct 1910
	Index	[i]-xi		1911
5	41	[i], [1]-19	*151-154*	Nov 1910
	42	[i], [21]-51	*155-158*	Feb 1911 ['1910']
	43	[i], [53]-68	*159-162*	Mai 1911
	44	[i], [69]-89	*163-166*	Aug 1911
	45	[i], [91]-104	*167-170*	Oct 1911
	46	[i], [105]-124	*171-174*	Feb 1912 ['1911']
	47	[i], [125]-145	*175-178*	Mai 1912
	48	[i], [147]-158	*179-182*	Jul 1912
	49	[i], [159]-177	*183-186*	Aug 1912
	50	[i], [iii], [179]-191	*187-189*	Jul 1913 ['1912']
	Index	[i]-xi		1913
6	51	[i], [1]-15	*190-193*	Dec 1913
	52	[i], [17]-36	*194-197*	Dec 1913
	53	[i], [37]-60	*198-201*	Mai 1914
	54	[i], [61]-82	*202-205*	Sep 1914
	55	[i], [83]-115	*206-209*	Apr 1915 ['1914']
	56	[i], [117]-144	*210-213*	Nov 1915
	57	[i], [145]-188	*214-217*	Apr 1916 ['1915']
	58	[i], [189]-234	*218-221*	Apr 1916
	59	[i], [235]-268	*222-225*	Aug 1916
	60	[i-iii], [269]-308	*226-227*	Feb 1917 ['1916']
	Index	[i]-xviii		1917

Vol.	Parts	Pages	Plates	Dates
7	61	[i], [1]-37	*228-231*	Sep 1917
	62	[i], [39]-75	*232-235*	Apr 1918
	63	[i], [77]-121	*236-239*	Mar 1920
	64	[i], [123]-191	*240-243*	Sep 1920
	65	[i], [193]-237	*244-247*	Jan 1921 ['1920']
	66	[i], [239]-293	*248-251*	Apr 1921
	67	[i], [295]-351	*252-255*	Aug 1921
	68	[i], [353]-395	*256-259*	Sep 1921
	69	[i], [397]-425	*260-263*	Nov 1921
	70	[i], [427]-458	*264-267*	Jan 1923 ['1921']
	Index	[i]-xvii		1923 ['192']
8	71	[i], [1]-21	*268-271*	Jul 1923
	72	[i], [23]-33	*272-275*	Aug 1923
	73	[i], [35]-48	*276-279*	Sep 1923
	74	[i], [49]-60	*280-283*	Oct 1923
	75	[i], [61]-70	*284-287*	Mar 1924 ['1923']
	76	[i], [71]-80	*288-291*	Mai 1924
	77	[i], [81]-99	*292-295*	1924 (Title page)
	Index	[i]-vii		1925

Copies: MO, NSW, NY, US, USDA; IDC 6524. – The "Index of trees described", 3 p., issued with part 70, Jan 1923 (*copy*: NSW).

5261. *A critical revision of the genus Eucalyptus* ... Sydney (William Applegate Gullick, ...) [1903-] 1909-1933, 8 vols. Qu. (*Crit. revis. Eucalyptus*).
Publ.: Dr. D. McGillivray sent us the following list with notes. This list agrees with the data obtained by us from the copies mentioned below.

Vol.	Parts	Pages	Plates	Dates
1	1	[1]-47	*1-4*	Mar 1903
	2	[49]-73	*5-8*	Mai 1903
	3	[75]-90	*9-12*	Jul 1903
	4	[91]-124	*13-24*	Jun 1904
	5	[125]-146	*25-28*	Nov 1904
	6	[147]-180	*29-32*	Apr 1905
	7	[181]-205	*33-36*	Oct 1905
	8	[207]-254	*37-40*	Mar 1907
	9	[255]-294	*41-44*	Nov 1907
	10	[295]-349	*45-48*	Dec 1908
	Index	[i]-xii		1909
2	1(11)	[i-v], [1]-59	*49-52*	Feb 1910
	2(12)	[i], [61]-100	*53-56*	Nov 1910
	3(13)	[i-iv], [101]-134	*57-60*	Jul 1911
	4(14)	[i-iii], [135]-164	*61-64*	Mar 1912
	5(15)	[i-iii], [165]-184	*65-68*	Jul 1912
	6(16)	[i-iv], [185]-216	*69-72*	Sep 1912
	7(17)	[i-iv], [217]-238	*73-76*	Feb 1913 ['1912']
	8(18)	[i-iv], [239]-[266]	*77-80*	Jul 1913
	9(19)	[i-iii], [267]-290	*81-84*	Dec 1913
	10(20)	[i-iii], [291]-[312]	*85-88*	Mar 1914
	Index	[i]-xi		1914
3	1(21)	[i-iii], [1]-22	*89-92*	Mar 1914
	2(22)	[i-ii], [23]-44	*93-96*	Apr 1915 ['1914']
	3(23)	[i-iii], [45]-61	*97-100*	Jul 1915

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	4(24)	[i-iii], [63]-79	*101-103*	Nov 1915
	5(25)	[i-iii], [81]-101	*104-107*	Feb 1916 ['1915']
	6(26)	[i-iii], [103]-124	*108-111*	Apr 1916
	7(27)	[i-iii], [125]-155	*112-115*	Jul 1916
	8(28)	[i-iii], [157]-182	*116-119*	Dec 1916
	9(29)	[i-iii], [183]-206	*120-123*	Feb 1917
	10(30)	[i-iii], [207]-223	*124-127*	Apr 1917
	Index	[i]-viii		1917
4	1(31)	[i-iii], [1]-27	*128-131*	Jul 1917
	2(32)	[i-iii], [29]-63	*132-135*	Sep 1917
	3(33)	[i-iii], [65]-91	*136-139*	Dec 1917
	4(34)	[i-iii], [93]-110	*140-143*	Apr 1918
	5(35)	[i-iii], [111]-135	*144-147*	Aug 1918
	6(36)	[i-iv], [137]-177	*148-151*	Jan 1919
	7(37)	[i-iii], [179]-200	*152-155*	Mar 1919
	8(38)	[i-iv], [201]-237	*156-159*	Jul 1919
	9(39)	[i-v], [239]-304	*160-163*	Feb 1920 ['1919']
	10(40)	[i-iv], [305]-343	*164-167*	Mar 1920
	Index	[i]-xi		1920
5	1(41)	[i-iv], [1]-25	*168-171*	Jun 1920
	2(42)	[i-iv], [27]-70	*172-175*	Aug 1920
	3(43)	[i-iv], [71]-101	*176-179*	Nov 1920
	4(44)	[i-iv], [103]-131	*180-183*	Feb 1921 ['1920']
	5(45)	[i-iv], [133]-160	*184-187*	Apr 1921
	6(46)	[i-iv], [161]-185	*188-191*	Mai 1921
	7(47)	[i-iv], [187]-223	*192-195*	Jul 1921
	8(48)	[i-iv], [225]-260	*196-199*	Aug 1921
	9(49)	[i-iv], [261]-290	*200-203*	Sep 1921
	10(50)	[i-iv], [291]-332	*204-207*	Dec 1921
	Index	[i]-xi		1922
6	1(51)	[i-iv], [1]-60	*208-211*	Feb 1922
	2(52)	[i-iv], [61]-106	*212-215*	Apr 1922
	3(53)	[i-ii], [107]-164	*216-219*	Mai 1922
	4(54)	[i-v], [165]-218	*220-223*	Jul 1922
	5(55)	[i-iv], [219]-254	*224-227*	Aug 1922
	6(56)	[i-v], [255]-340	*228-231*	Sep 1922
	7(57)	[i-v], [341]-418	*232-235*	Jan 1923 ['1922']
	8(58)	[i-v], [419]-494	*236-239*	Feb 1923
	9(59)	[i-v], [495]-570	*240-243*	Apr 1923
	10(60)	[i-iii], [571]-610	*244-247*	Jun 1923
	Index	[i]-xiv		1924
7	1(61)	[i-v], [1]-51	*248-251*	Sep 1923
	2(62)	[i-iv], [53]-80	*252-255*	Mar 1924
	3(63)	[i-iii], [81]-132	*256-259*	Feb 1925 ['1924']
	4(64)	[i-iv], [133]-202	*260-263*	Dec 1925
	5(65)	[i-iii], [203]-238	*264-267*	Mar 1926 ['1925']
	6(66)	[i*-iii*], [i]-iii, [239]-314	*268-271*	Jun 1926
	7(67)	[i-iii], [315]-362	*272-275*	Dec 1926
	8(68)	[i-v], [363]-402	*276-279*	Jul 1927
	9(69)	[i-v], [403]-450	*280-283*	Aug 1928
	10(70)	[i-iv], [451]-492	*284-287*	Dec 1928
	Index	[i]-xi		1929

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8	1(71)	[i-ix], [1]-68	*288-291*	Feb 1929
	2(72)	[i-vi], [69]-114	*292-295*	Nov 1929
	3(73)	[i-iv], [115]-180	t.col. *1-4*	Nov 1929
	4(74)	[i-iv], [181]-246	t.col. *5-8*	Aug 1930
	5(75)	[i-iv], [247]-354	t.col. *9-12*	1931 (from title page)
	Index	[i]-x		1933

( ) – part numbers of the whole work.
[ ] – dates shown on title page differing from date of issue.
The dates of issue are those given with the summaries of contents on the original covers.
†Note: Vol. 7, part 6 contains a plate of "the late J. H. Maiden, I.S.O., F.R.S., F.L.S.; and an obituary by R. H. Cambage on pp. i-iii. Maiden died on 16 November 1925, at Turramurra, a suburb of Sidney. In the obituary Cambage remarked that Part 65 is just about to issue, and about half a dozen others are going through the press, the material having been prepared by Mr. Maiden prior to his death. On the title pages of Vol. 7, part 7 and all subsequent parts the following statement appears: "The author of this standard work, Mr. J. H. Maiden, I.S.O., F.R.S., F.L.S., died on 16th November, 1925, at the age of 66 years. It is most regrettable that he did not live to see the completion of his great work, of which 65 parts have already appeared, and the final parts were prepared by him for publication prior to his death. With the kind permission of Dr. Darnell-Smith, Director, Botanic Gardens, Sydney, this and the subsequent parts will be edited by Messrs. R. H. Cambage, C.B.E., F.L.S., and W. F. Blakely, Assistant Botanist, Botanic Gardens, both of whom have been in constant touch with the late Mr. Maiden during the progress of the work."
The acknowledgments are on pp. 347-348. – *Copies*: FI, G, L, NY, US, USDA. *Later editors*: Richard Hind Cambage (1859-1928); William Faris Blakely (1875- ?).
Ref.: Diels, L., Bot. Jahrb. 33 (Lit.): 12-13. 1903 (rev.).

5262. *Illustrations of New South Wales plants* ... Sydney (William Applegate Gullick, Government Printer) 1907-1911, 3 parts (*Ill. N.S.W. pl.*).
Part 1: Nov 1907, p. [i]-iv, [1]-31, *pl. 1-10*, uncol.
Part 2: 1908, p. [i-iii], [33]-58, *pl. 11-20*, id.
Part 3: 1911, p. [i-iv, [1], [59]-84, *pl. 21-30*, id.
Copies: G, MO, USDA.

5263. *Sir Joseph Banks*: the "Father of Australia". Sydney (William Applegate Gullick), London (Kegan Paul, French, Trübner & Co. Ltd.) 1909. Oct. (*Joseph Banks*).
Publ.: 1909, p. [i]-xxiv, [1]-244, map. *Copy*: Biohist. Inst., Utrecht (U).

5264. Department of public instruction. New South Wales. *Native flora of New South Wales* photographed from selected specimens. Brief botanical description of each specimen by J. H. Maiden, F. L. S. Sydney (William Applegate Gullick, Government Printer) 1911. (*Native fl. N.S.W.*).
Publ.: 1911, cover with *18 pl.* with text. *Copy*: USDA.

5265. *A census of New South Wales plants* ... (with supplements to follow on vascular cryptogams by various specialists.) Sydney (W. A. Gullick, Government Printer) 1916. Oct. (*Census N.S.W. pl.*).
Co-author: Ernst Betche (1851-1913).
Publ.: 1916, p. [i]-xx, [1]-216. *Copies*: L, MO, NY, USDA.
Supplement I. – Fresh-Water algae, 1917, p. [217]-263.
Copies: L, MO, USDA. – Alternative t.p.: "*Census of New South Wales* Fresh-water algae" Sydney (id.) 1917. Oct.

Maillard, Pierre Néhémie (1813-1883), French botanist; clergyman at la Mothe-St.-Héray (Deux-Sèvres) 1842-1883. (*Maillard*).

HERBARIUM and TYPES: CGE (via Genevier herb.); other mat. DBN.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 437 (b. 27 Jul 1813, d. 22 Apr 1883); BL 2: 145, 687; BM 3: 1223; Jackson p. 283; Kew 3: 565; Plesch p. 208; Rehder 5: 539; Tucker 1: 455.
Andrieu, J., Bibl. gén. de L'Agenais 2: 102. 1887, 3: 125. 1891 (bibl.).
Anon., Bull. Soc. bot. Deux-Sèvres 17: *pl. 3*. 1906 (portr.).
Nelson, E.C., Glasra 4:54. 1980 (coll. DBN).
Souché, B., Flore du Haut Poitou xiv. 1901.

COMPOSITE WORKS: With Sauzé, J.C.: *Catalogue des plantes phanérogames ... des Deux-Sèvres*, 1864, and *Flore du département des Deux-Sèvres* 1878-1884, see under Sauzé.

EPONYMY: *Maillardia* Frappei & Duchartre (1862) is dedicated to L. Maillard, author of *Notes sur l'Île de la Réunion*, about whom we have no further information (Barnhart 2: 437; BM 3: 1223; PR 5745).

Maille, Alphonse (1813-1865), French botanist. (*Maille*).

HERBARIUM and TYPES: The Maille herbarium, which contained material from various collectors, was split up and sold as *Reliquiae Mailleanae*, with important sets at E, FI, G, K, LE, P, PI, and W. See TL-2/3907 for a catalogue. Maille himself had planned to issue the material as exsiccatae together with T. Puel. After his death distribution took place by L. Kralik. Many identifications are by E. St.-Ch. Cosson.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 155; Barnhart 2: 437 (d. 30 Sep 1865); Clokie p. 206; IH 2: 455, 493; Kew 3: 565; PR (alph.); Rehder 5: 539; TL-1, see Mérat, F.V.; TL-2/3907; Tucker 1: 12.
Anon., Bot. Zeit. 24: 96, 150-152. 1866, 25: 31, 39. 1862, 26: 320. 1868 (herb.); Flora 49: 14, 172, 192, 496. 1866.
Beck, G., *in* Fritsch, K. et al., Bot. Anst. Wiens 74. 1894 (coll.).
Candolle, Alph. de, Phytographie 431. 1880 (coll.).
Fournier, E., Bull. Soc. bot. Fr. 12(C.R.): 332. 1866, 12(bibl.): 237, 239, 288. 1866, 13:6. 1866, 15: xv. 1868; *in* L. Kralik & J. Billon, Cat. Reliq. Maill. 55-56. 1869.
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 107. 1970.
Kralik, A., Österr. bot. Z. 17: 132. 1867 (offer Reliq. Maill.).
Steinberg, C.H., Webbia 32(1): 31. 1977.

EPONYMY: *Maillea* Parlatore (1842).

Maingay, Alexander Carroll (1836-1869), British physician and botanist in the Indian medical service; died at Rangoon, 14 Nov 1869, in an attempt to stop a prison mutiny. (*Maingay*).

HERBARIUM and TYPES: K; lichens at E; for other material see IH.

NAME: Barnhart has "Alexander" rather than Albert.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 349; Barnhart 2: 438; BB p. 204; Bret. p. 679; CSP 8: 309, 12: 476; Desmond p. 416; GR p. 405; IH 2: 493; Kelly p. 139; Kew 3: 565; LS 16622; Rehder 5: 539; SK 1: xxvii, 345, 5: ccxcix; Urban-Berl. p. 372.
Anon., J. Bot. 68: 63. 1870 (murdered).
Beck, G., *in* Fritsch, K. et al., Bot. Anst. Wiens 74. 1894 (coll.).
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Jackson, B. D., Bull. misc. Inf. Kew 1901: 44 (herb. K).
Maingay, A. C., Trans. bot. Soc. Edinburgh 11(2): 345-351. 1873 (letters from China; "Alexander").
Moldenke, H. N., Plant Life 2: 71. 1946 [1948] (epon.).
Ridley, H., Fl. Malay Penins. 1: xvi. 1922.

COMPOSITE WORKS: part author, William Mudd, *A manual of british lichens* 1861, see Trans. Bot. Soc. Edinburgh 11: 36-40. 1873.

EPONYMY: *Maingaya* D. Oliver (1873).

Mains, Edwin Butterworth (1890-1968), American mycologist; Ph. D. Univ. Mich. 1916; at Purdue University 1916-1930; from 1930 professor of botany and from 1931 director of the herbarium of the University of Michigan; retired 1960. (*Mains*).

HERBARIUM and TYPES: Main collections of fungi at MICH; further material e.g. at PUR.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 438; Hawksworth p. 184; Hirsch p. 186-187; IH 1(ed. 6): 361, 2: 493; Kew 3: 566; LS suppl. 17001-17033; Kelly p. 139; MW suppl. p. 215; NAF 7(15): 1078; PH 209, 437; Roon p. 73; Stevenson p. 1250; TL-2/1: 781.
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Mains, E. B., *in* W. A. Donelly et al., Univ. Mich. encycl. surv. 1450, 1451. 1956.
Rickett, H. W., Index Bull. Torrey bot. Cl. 67. 1955.
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Rogerson, C. T., Mycologia index 960. 1968.
Smith, A. H., Mycologia 61: 449-451. 1969 (portr.), (b. 31 Mar 1890; d. 23 Sep 1968).

COMPOSITE WORKS: Co-author with F. D. Kern et al. of J. C. Arthur (ed. and part author), *The plant rusts*, New York 1929.

EPONYMY: *Mainsia* H. S. Jackson (1931).

Maire, Louis (1885-x), French mycologist and pharmacist at Nancy and Strasbourg. (*L. Maire*).

HERBARIUM and TYPES: STR(?).

BIBLIOGRAPHY and BIOGRAPHY: Kelly p. 139; LS 36479; Stevenson p. 1250.
Snell, W. H., Mycologia 25(3): 234. 1933.

COMPOSITE WORKS: See under *A. Sartory* for various mycological monographs of which L. Maire was junior author.

EPONYMY: *Maireina* W. B. Cooke (1961). *Note*: *Mairella* A. A. H. Léveillé (1916) is dedicated to Edouard Ernest Maire (1848- ?), French missionary and botanical collector in China.

5266. No. 41 Université de Nancy année 1916-1917. *Étude synthétique sur le genre Tricholoma.* Iconographie descriptive critique. Thèse présentée à l'Ecole supérieure de Pharmacie pour obtenir le grade de docteur de l'université (mention pharmacie) par Louis Maire pharmacien de 1re classe . . . soutenue le 30 novembre 1916 devant le jury d'examen . . . Saint-Dizier (Imprimerie J. Thevenot) 1916. Oct. (*Étud. Tricholoma*).
Publ.: 30 Nov 1916, p. [1]-163. *Copy*: FH.

Maire, René Charles Joseph Ernest (1878-1949), French botanist; Dr. Sci. Paris 1902; originally at Dijon; "préparateur" at Nancy (1898-1908); "maître de conférences" at Caen (1908-1911); from 1911 professor of botany at the University of Algéria; Dr. med. Alger 1930, Dr. h.c. Athens 1936 (*Maire*).

HERBARIUM and TYPES: MPU; important sets of duplicates at AL, CAIM, P, PC. Exsiccatae: (1) *Mycotheca boreali-africana*, set 1-10, nos. 1-400. Set at FH; (2) with Félix Marquery: *Hypodermearum Galliae orientalis*, sets 1-5, nos. 1-50, le Mans, 1896-1898, with text, sets at B, PAD, S.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(3): 103; Ainsworth p. 123, 323; Andrews p. 299; Barnhart 2: 438; BFM 1537, 1535; BJI 2: 110; BL 1: 307 [index], 2: 678 [index]; BM 3: 1223, 7: 784; Bossert p. 249; CSP 16: 1013; DSB 9: 34-35; GR p. 336; Hawksworth p. 184; Hirsch

p. 187; Hortus 3: 1199 ("Maire"); IH 1(ed. 6): 361, 2: 493; Kelly p. 139-141; Kew 3: 566-568; Lenley p. 299; ,LS 16627-16665, 36480-36496, suppl. 17034-17096; Moebius p. 105, 106; NAF 7(15): 1078, ser. 2(3): 39; PFC i: xlvii-xlviii, 2(2): xvi, 3(2): x; Plesch p. 323; Rehder 5: 539; Saccardo 2: 65; Stevenson p. 1250; TL-2/1: 353, see Battandier, J. A.: TL-2/3271, 3858-3859, 3968; Tucker 1: 456; Urban-Berl. p. 279; Zander ed. 10, p. 688, ed. 11, p. 784

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COMPOSITE WORKS: (1) with E. Jahandiez, *Cat. pl. Maroc.* 1931-1941, co-author, see TL-2/3271.

FESTSCHRIFT: *Travaux botaniques dédiés à René Maire,* Alger, [28] Mai 1949, xvi, 315 p., (portr.). (Mém. hors série Soc. Hist. nat. Afr. Nord).

EPONYMY: *Maireella* Sydow ex Maire (1908); *Maireola* I. Thériot & Trabut (1927); *Maireomyces* J. Feldmann (1941); *Mairetis* I. M. Johnston (1953).

5267. *Recherches cytologiques et taxonomiques sur les Basiodiomycètes* [Nancy 1902]. Oct. (*Rech. cytol. tax. Basidiomyc.*).

Publ.: 31 Dec 1902 (Bot. Gaz. 28 Feb 1903; Bot. Zeit. 16 Feb1903; p. [i], [1]-209, [210, cont.], *pl. 1-8* with text. *Copies*: BR, MO, USDA; IDC 5099. – Thesis; also issued as Bull. Soc. mycol. Fr. 18: Suppl. 31 Dec 1902.

Ref.: Vuillemin, P., Bot. Centralbl. 92: 113-119. 5 Feb 1903 (extensive review).

5268. *Étude des plantes vasculaires récoltées en Grèce* ... Nancy (Imprimerie Berger-Levrault et Cie., ...) 1908. Oct. (*Etud. pl. vasc. Grèce*).

Co-author: Marcel Georges Charles Petitmengin (1881-1908).

Publ.: 1908, p. [1]-239. *Copy*: MO – Matériaux pour servir à l'étude de la flore et de la géographie botanique de l'Orient, quatrième fascicule.

5269. *Les bases de la classification dans le genre Russula* ... Paris (au siège de la Société [mycologique de France] ...) 1910. Oct.
Publ.: 1910, p. [1]-77, err. slip. *Copy*: MICH. – Reprinted and to be cited from Bull. Soc. mycol. France 26(1): 49-125. 1910. See also English version in Trans. Brit. mycol. Soc. 1909: 189-219. 1910.

5270. *Contributions à l'étude de la flore de l'Afrique du Nord*, 35 fasc., published in various journals 1918-1949.
Publ.: Fasc. 1-10, 16-20, 22-35 published in *Bull. Soc. Hist. nat. Afrique Nord*; nos. 11-15 in *Mém. Soc. Sci. Nat Maroc*; no. 21 in *Bull. Soc. Sci. nat. Maroc.* – For a general index see J. P. Lebrun & A. L. Stork (1978, cited below).

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[1-9]	[1]	15 Nov 1919	1355-1509	20	15 Jul 1933
[10-27]	2	15 Mar 1921	1510-1570	21	25 Aug 1934
[28-40]	3	15 Nov 1921	1571-1747	22	12 Nov 1934
[41-45]	4	15 Feb 1922	1748-1931	23	15 Nov 1935
[46-71]	5	15 Jun 1922			
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190-220	10	15 Mar 1926	2378-2617	26	23 Nov 1938
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351-427	12	15 Jan 1928	2900-3101	28	10 Jan 1940
428-451	13	30 Jun 1928	3102-3254	29	3 Jul 1940
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651-754	16	15 Nov 1929	3395-3444	32	25 Aug 1942
755-944	17	15 Jan 1931	3445-3488	33	12 Apr 1945
945-1173	18	15 Nov 1931	3489-3533	34	3 Apr 1946
1174-1354	19	15 Jul 1932	3534-3566	35	28 Jun 1949

(1) The dates are those of the journal publications. The table stems from Lebrun et Stork (1978), who stress that in case of questions of priority further confirmation might be desirable. For a list of precise references to the journal pagination see BL 1: 18.
(2) "Contributions" 3332-3351 remained unpublished.

Ref.: Lebrun, J. P. & A. L. Stork, Index général des "Contributions à l'étude de la flore de l'Afrique du Nord" du Dr. René Maire, Institut d' élevage et de médecine vétérinaire des pays tropicaux, Étude bot. 5, Apr 1978, Maisons-Alfort (full details).

5271. *Études sur la végétation et la flore du Grand Atlas* et du Moyen Atlas marocains ... Rabat (Institut Scientifique Chérifien), Paris (... chez Emile Larose, ...), Londres (... chez Janson et Sons) 1924. Oct. (*Étud. fl. Grand Atlas*).
Publ.: 1 Dec 1924 (cover journal), p. [i-iii], [1]-220, *pl. 1-16. Copies*: B, BR, G, MICH, NY. – Mém. Soc. Sci. nat. Maroc. 7, 1 Dec 1924.

5272. *Études sur la flore et la végétation du Sahara central* ... [Alger] 1933-1940. Oct. (*Étud. fl. vég. Sahara*).
Parts 1 and 2: 1933, frontisp., p. [1]-272, *pl. 1-36*, 2 maps.
Part 3: 1940, p. [273]-433.
Copies: MO, USDA.

5273. *Fungi catalaunici* contributions à l'étude de la flore mycologique de la Catalogne ... Barcelona (Museo de ciències naturals) 1933. Oct. (*Fung. catal.*).
Publ.: 10 Jul 1933 (cover), p. [1]-120, *pl. 1* (col.), *figs. 1-7. Copies*: FH, MICH, Stevenson. – Treballs del Museo de Ciències Naturals de Barcelona vol. 15, sèrie botànica, no. 2.
Series altera: 10 Mar 1937 (cover), p. [1]-128. *Copies*: FH, Stevenson. – Contribution à

l'étude ... Catalogne. Barcelona (Institut botànic de Barcelona), publ. 10; Publicacions de l'institut botànic vol. 3, no. 4.

5274. Mission au Tibesti (1930-1931) ... *Contribution à l'étude de la flore du Tibesti* ... Paris (Gauthier-Villars, ...) 1935.
Publ.: 1935, p. [1]-39. *Copies*: FI, MICH. – Reprinted and to be cited from Mém. Acad. Sci. Inst. France 62(1), 1935. – See also R. Maire & Th. Monod, Études sur la flore et la végétation du Tibesti. Paris (Librairie Larose ...) 1950, 141 p., 6 charts, *6 pl.* (*copy*: FI).

5275. *Fungi maroccani.* Catalogue raisonné des champignons connus jusqu'ici au Maroc. Rabat (Intstitut scientifique Chérifien), Paris (Emile Larose), Londres (Janson et Sons) 1937 (i.e. 1938). Oct. (Fung. marocc.).
Publ.: shortly after 25 Oct 1938 (date of printing last sheet, see p.[148]), p.[i, iii], [1]-147, [148, date]. *Copies*: MICH, Stevenson. -Mémoires de la Société des Sciences naturelles du Maroc 45, 31 Dec 1937 (sic, date on cover, but see p.[148]).

Maiwald, Vincenz Fridolin (1862-?), Czech historian of botany; high school teacher at Braunau, Bohemia (*Maiwald*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 438; BJI 2: 110; BM 3: 1224; DTS 1: 1900, 6(4): 168; Futák-Domin p. 376; LS 16676-16677.
Dolezal, H., Friedrich Welwitsch 47, 114. 1974.
Kühnel, Thad. Haenke 274 [index]. 1960.

5276. Jahres-Bericht des öffentlichen Stift-Obergymnasiums der Benedictiner zu Braunau in Böhmen ... 1901 ... 1. *Die opizische Periode in der floristischen Erforschung* Böhmens ... Braunau (Selbstverlag des Benedictinerstiftes ...) 1901. Qu.
Publ.: 1901 ("am Schlusse des Schuljahres 1901"), p. [1]-120, followed by *Schulnachrichten,* p. [i]-xxxiv. *Copy*: WU. – To be cited from Jahres-Bericht ... 1901. ÖbZ 63: 221 (1913) mentions a continuation, 1902, 83 p., not seen by us. Important historical publication, dealing with Philipp Maximilian Opiz (1787-1859) and his collaborators.

5277. *Geschichte der Botanik in Böhmen* ... Wien und Leipzig (Kaiserl. und königl. Hofbuchdruckerei und Hof-Verlags-Buchhandlung Carl Fromme) 1904. Oct. (*Gesch. Bot. Böhmen*).
Publ.: Aug-Sep 1904 (Bot. Zeit. 16 Feb 1904; ÖbZ Aug-Sep 1904; Bot. Centralbl. 28 Dec 1904), p. [1]-viii, [1]-297. *Copy*: FAS.
Ref.: Engler, A., Bot. Jahrb. 34 (Lit.): 67. 1905.
Matouschek, F., Bot. Centralbl. 98: 270-272. 1905, Hedwigia 44 (Beibl.): 54-56. 1905.

Major, Charles Immanuel Forsyth [Forsyth Major] (1843-1923), British-Swiss botanist and palaeontologist; practicing physician 1868-1886; working on the mediterranean and madagascan floras; MD Basel 1868. (*Major*).

HERBARIUM and TYPES: BAS (Stehlin 1925, p. 15), BM (Madagascar), K (Corsica); further material et B, E, FI, G, LY, P and TO.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 438; BB p. 204; BM 3: 1224, 7: 784; CSP 8: 310, 10: 699, 12: 477-478, 16: 1015-1016; Desmond p. 232, 416 (d. 25 Mar 1923); IH 2: 204; Kew 3: 568; PFC 1: xlviii; PH p. 450; Rehder 5: 539; Saccardo 1: 75; Tucker 1: 456.
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A.S.W., Nature 111: 505. 1923 (d. 25 Mar 1923).
Christensen, C., Dansk bot. Ark. 7: xi. 1932 (Madagascan fern coll.)
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COMPOSITE WORKS: Carlo de Stefani, C. J. Forsyth Major et William Barbey, *Samos,* 1891, and *Karpathos,* Lausanne 1895; see Stefani.

5278. *Die Tyrrhenis.* Studien über geographische Verbreitung von Thieren und Pflanzen im westlichen Mittelmeergebiet ... [Separat-Abdruck aus "Kosmos" ... 1883]. Oct.
Publ.: 1883, p. [1]-17, [81]-106. *Copy*: FI. – Reprinted and to be cited from Kosmos 7: 1-17, 81-106. 1883.

5279. *Halki.* Étude botanique ... Lausanne ((Imprimerie Georges Bridel & Cie 1894. (*Halki*).
Co-author: William Barbey (1842-1914).
Publ.: Apr 1894 (t.p.), p. [1]-7, *1 pl.* (by Charles Cuisin). *Copy*: FI.

Makino, Tomitaro (1862-1957), Japanese botanist and botanical artist. (*Makino*).

HERBARIUM and TYPES: MAK and TI; other material at BAS, DAO, E, LE, PH.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 349, 656; Barnhart 2: 439; BJI 2: 110; BM 3: 1225, 7: 785; Bossert p. 250; CSP 16: 1017-1018; GF p. 66; Hirsch p. 187; Hortus 3: 1199 ("Mak."); IF p. 716-717, suppl. 1: 83, 2: 37, 3: 213, 4: 329; IH 1 (ed. 6): 361, 2: 494; Kew 3: 569; MW p. 289-297, suppl. p. 215-216; NI 1261-1263; Rehder 5: 539-540; Tucker 1: 456; Urban-Berl. p. 372; Zander ed. 10, p. 688, ed. 11, p. 784.
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COMPOSITE WORKS: Editor of *The Journal of Japanese Botany*, vols. 1-8, 1916-1935.

NOTE: *Makino's new illustrated flora of Japan*, Tokyo, 1961, vi, 1057 p., *5 pl.* was published posthumously.

EPONYMY: *Makinoa* Miyake (1899); the derivation of *Makinoella* Okada (1949) could not be established.

5280. *Plantae japonenses novae* vel minus cognitae ... Tokyo [1897-] 1899-1901, 3 fasc.
1: 1897-1898 (in journal), 1899 (reprint), p. [i], [1]-51.
2: 1899 (in journal), 1900 (reprint), p. [i], [1]-39.
3: 1900 (in journal), 1901 (reprint), p. [1], [1]-9.
Copy: G. – Reprinted and to be cited from Bot. Mag. Tokyo, [fasc. 1] 11: 4, 71-73, 82-84, 1897, 12: 9-12, 18-20, 26-28, 36-38, 42-52, 55-60, 64-66, 69-74, 77-82, 103-106, 117-120. 1898; [fasc. 2] 13: 12-16, 25-32, 44-48, 56-58, 61-65, 79-82, 91-92, 111-112, 117-120, 128-130, 138-140. 1899; [fasc. 3] 14: 12, 33-34, 56, 144, 184-186. 1900.

5281. *Phanerogamae et pteridophytae japonicae iconibus illustratae*; or figures with brief descriptions and remarks of the flowering plants and ferns of Japan ... Tokyo (Keigyosha & Co., ...) 1899-1903, 2 vols.† (*Phan. pter. jap. icon.*).
1: 1899-1901, p. [i*v*], [i-viii], *pl. 1-60*, uncol., with text.
2: 1900-1903, *pl. 61-100*, id.

Vol.	part	plates	dates	vol.	part	plates	dates
1	1	*1-5*	20 Jan 1899	2	1	*61-65*	20 Feb 1900 sic
	2	*6-10*	25 Mar 1899		2	*66-70*	30 Jun 1901 sic
	3	*11-15*	8 Jun 1899		3	*71-75*	10 Mar 1902
	4	*16-20*	30 Jul 1899		4	*76-80*	18 Mar 1902
	5	*21-25*	20 Nov 1899		5	*81-85*	25 Mai 1902
	6	*26-30*	10 Dec 1899		6	*86-90*	
	7	*31-35*	29 Dec 1899		7	*92-95*	10 Nov 1902
	8	*36-40*	1 Sep 1900		8	*96-100*	28 Jul 1902
	9	*41-45*	3 Nov 1900				
	10	*46-50*	25 Feb 1901				

Vol.	Part	Pages	Dates
	11	*51-55*	20 Apr 1901
	12	*56-60*	28 Sep 1901

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5282. *Icones florae japonicae* compiled by the College of Science, Imperial University of Tokyo ... Tokyo (published by the University) 1900-1914, 4 parts.† (*Icon. fl. jap.*).
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part 2: 15 Aug 1902, p. 7-14, *pl. 4-8*.
part 3: 30 Sep 1906, p. 15-24, *pl. 9-11*.
part 4: (n.v.) 1911, p. 25-40, *pl. 12-16*.
Copies: G, NY (both parts 1-3 only).

5283. *On Sasa*, a new genus of Bambuseae, and its affinities ... Tokyo 1901. Oct. (*Sasa*).
Co-author: Keita Shibata (1877-1949).
Publ.: 1901 (Bot. Zeit. 1 Jun 1901), p. [1]-14, *pl. 1*. *Copies*: G, MO. – Reprinted from Bot. Mag. Tokyo 15: 18-31, *pl. 1*, (26)-(27). 1901.

5284. *Catalogue of Japanese plants*, including those cultivated in, and introduced to this country, in the herbarium of the Natural history department, Tokyo Imperial Museum ... Tokyo (Published by the Tokyo Imperial Museum) 1914. (*Cat. Jap. pl.*).
Co-Author: Nemoto, Kwanji (1860-1936).
Publ.: Dec 1914 (p. iv), p. [i-vi], [1]-490, [1], [1]-83, [1]-60. *Copy*: US.

5285. Nippon-Shokubutsu-Sôran (*Flora of Japan*) with description of every plant phanerogams and higher cryptogams indigenous to, introduced into and cultivated in the empire of Japan Kabafuto, Hokkaido, Honshiu, Shikoku, Kiushiu, Riukiu and Taiwan ... Tokyo (Nipponshokubutsusoran Publishing Association) 1925. (*Fl. Japan*).
Co-author: Nemoto, Kwanji (1860-1936).
Ed. 1: 1925, p. [i*-xii*], [i]-xii, [i]-xxv, [xxvi], 1-1942, [1]-4. *Copy*: USDA.
Ed. 2: 1931, p. [i*-x*], i-x, i-xix, 1-1936. *Copies*: US, USDA. – "Second edition revised and enlarged." Tokyo (Shunyodo Shoten ...) 1931.
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5286. *A manual of the flora of Nippon*; comprising the analytical keys to families and genera, and brief descriptions of the species (some illustrated) of flowering plants and ferns, indigenous to, naturalized and cultivated in Nippon: Hokkaidô, Honshû, Shikoku, Kyûsyû and Ryûkyû ... Tokyo (Dainippon-Tosho-Kabush Ki-Kwaisha ...) 1927. (*Man. fl. Nippon*).
Co-author: Kôichi Tanaka,
Publ.: 1927, p. [i-ii], portr., 1-13, *pl. 1-53*, 1-15, 1-862. *Copy*: USDA.

Makowsky, Alexander (1833-1908), Czech botanist, mineralogist and geologist; high school teacher at Olmütz (1858-1864) and Brünn (Brno) 1864-1868; professor of natural history at the Technische Hochschule, Brünn, 1872-1905; Hofrat 1906. (*Makowsky*).

HERBARIUM and TYPES: W (see Ostermeyer 1913); further material at BRNO, BRNM, E.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 439; BL 311-312; BM 3: 1225, 7: 785; CSP 4: 197, 10: 696, 16: 1018-1019; DTS 1: 181; IH 2: 495; Futák-Domin p. 377-378; Kanitz 240; Klášterský p. 122; Kleppa p. 242; Morren ed. 10, p. 36; PR 5756; Quenstedt p. 276; Rehder 5: 540.
Anon., Bot. Not. 1909: 100 (d.); Österr. bot. Z. 10: 413, 1860 (fl. Olmütz), 18: 234. 1868 (M., so far "Supplent am k.k. technischen Institute" Brünn, now app. professor of botany at this institution); 36: 130. 1886 (publ. in Jahresb. O. R. Olmütz); Biogr. Jahrb. 13: 60* (b. 17 Dec 1833, d. 3 Dec 1908); ÖbZ 59: 39. 1909 (d. 30 Nov 1908).
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Iltis, H., Verh. naturf. Ver. Brünn 50: 296, 301. 1912 (portr. in group); Life of Mendel ed. 2, 11, 87, 101, 176, 178, 247. 1966 (biogr. details; relation with Mendel).
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5287. *Die Flora des Brünner Kreises.* Nach pflanzen-geographischen Principien ... Brünn (Druck van Georg Gastl) 1863. Oct. (*Fl. Brünn. Kr.*).
Publ.: Apr-Jun 1863 (p. 4: Dec 1862; Bot. Zeit. 3 Jul 1863), p. [1]-171, 1 table.
Copies: G, NY. – Reprinted from Verh. [Jahresh.] naturf. Ver. Brünn 1: 45-210. 1863. – "Mit einer meteorologischen Tabelle von Prof. G. Mendel." – Contains a history of botany in the Brünn region ("Kreis"). See also Bot. Zeit. 26: 457. 1868.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 21: 215. 3 Jul 1863.

Malacarne, Claro Giuseppe (fl. 1810), Italian physician and botanist; professor of natural history, botany, chemistry and agriculture at the "Lyceum" in Brescia (*Malacarne*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Jackson p. 434; PR 5757 (err. sub V. Malacarne), (ed. 1: 6437); Rehder 5: 540; Saccardo 1: 100.

5287a. *Catalogo delle specie vegetabili* che si coltivarono nel giardino della scuola botanica appartenente al r. liceo del dipartimento Mella nell' anno mdcccx- mdcccxi e che sussistono in ottimo stato all'epoca primo luglio mdcccxi suddetto. Brescia (per Nicolò Bettoni) 1811. Qu. (*Cat. sp. veg.*).
Publ.: 1811, p. [1]-19. *Copy*: FI.

Malbranche, Alexandre François (1818-1888), French lichenologist and pharmacist at Rouen (*Malbr.*).

HERBARIUM and TYPES: Unknown (probably dispersed by sale); material at AUT, DUKE, LD and PC. Exsiccatae: *Lichens de la Normandie, préparés et classés d'après la méthode du Dr. Nylander*, fasc. 1-8, nos. 1-400, Rouen (Boissel) 1863-1876; sets see IH and Sayre (1969).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 439; BL 2: 203, 687; BM 3: 1226, 7: 785; CSP 4: 202, 8: 313, 10: 698, 12: 478, 16: 1025; GR p. 287, cat. p. 67; Hawksworth p. 184; Herder p. 172; IH 2: 495; Jackson p. 100, 288; Kelly p. 141; Kew 3: 571; LS 16686-16699, 36500-36511; Morren ed. 10, p. 68; PR 10610; Rehder 5: 540; SBC p. 126 ("Malbr."); Stevenson p. 1250; Tucker 1: 456.
Anon., Bot. Centralbl. 38: 574. 1889 (Malbranche material in Roumeguère, C., Fungi selecti exsiccati cent. 49); Bull. Soc. bot. France 10: 357. 1863 (exsicc.); 36 (bibl.): 96. 1889 (herb.); Österr. bot. Z. 39: 316. 1889 (Mme Malbranche offers herb. for sale).
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Nylander, W., Bull. Soc. bot. France 13: 240-241. 1866 (on exsicc.).
Roumeguère, C., Rev. mycol. 10: 170. 1888.
Sayre, G., Mem. New York Bot. Gard. 19(1): 143. 1969.

EPONYMY: *Malbranchea* P. A. Saccardo (1882).

5288. *Revue des plantes critiques ou nouvelles de la Seine-inférieure* . . . [Rouen (Impr. H. Boissel)]. 1862.† (*Rev. pl. Seine-inf.*).
Publ.: 1862 (BSbF rd. 26 Dec 1862), p. [1]-30, [31]. *Copies*: G, NY. – Reprinted from Précis Acad. Sci. Rouen 1861/2: 178-207. 1862. – Subtitle: 1er mémoire; no continuation known to us.

5289. *Catalogue des plantes cellulaires et vasculaires de la Seine-inférieure* . . . Rouen (Imprimerie de H. Boissel, . . .) 1864. Oct. (*Cat. pl. Seine-inf.*).
Co-author: Emmanuel Louis Blanche (1824-1908).
Publ.: 1864, p. [i], [1]-166. *Copy*: G. – Issued in Précis Trav. Acad. Sci. Rouen 1863/4 (journal n.v.).

5290. *Catalogue descriptif des lichens de la Normandie* classés d'après la méthode du Dr. Nylander . . . Rouen (Imprimerie de Lecointe frères, . . .) 1870.
Oct. (*Cat. lich. Normandie*).
Publ.: 1870, p. [i-iii], [1]-283, *2 pl. Copy*: FH.
Supplément: Oct-Nov 1881 (BSbF 11 Nov 1881; Bot. Zeit. 31 Mar 1882; Bot. Centralbl. 13-17 Feb 1882; Nat. Nov. Feb(2) 1882), p. [i], [1]-64. *Copy*: FH. – Bull. Soc. Amis Sci. nat. Rouen 1881 (issue for Jan-Jun 1881).
Seconde édition: 1882, p. [1]-283, *2 pl.* (uncol. liths.). *Copy*: Stevenson. – Rouen (Imprimerie de E. Cagniard . . .) 1882. Oct.
Ref.: Anon., Nat. Nov. 4: 36. Feb 1882.

Malençon, Georges Jean Louis (1898-x), French mycologist; long-time associate of the Institut scientifique Chérifien at Rabat. (*Malençon*).

HERBARIUM and TYPES: private and PC, RAB.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 439; IH 2: 495; Kelly p. 141, 255; LS suppl. 17112-17119; Roon p. 73; Stevenson p. 1250.

EPONYMY: *Malenconia* A. C. Batista & H. S. Maia (1960).

5291. *Les truffes européennes* historique morphogénie – organographie – classification – culture . . . Paris (Laboratoire de Cryptogamie du Muséum d'Histoire naturelle . . .) 1938. Oct. (*Truffes eur.*).
Publ.: 1 Apr 1938 (cover), p. [1]-92. *Copies*: B, BR. – Revue de Mycologie, tome 3 (n.s.), Mémoire hors-série no. 1.

Malherbe, Alfred (1804-1866), French naturalist; studied law at Paris; "juge auditeur" at Sedan 1827; substitute judge at Briey 1830; from 1832 judge at Metz. (*Malherbe*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1226; CSP 4: 203-204, 12: 478; PH 567; PR 5758-5759, ed. 1: 6440-6441; Rehder 5: 540; Tucker 1: 456.
Anon., Actes Soc. Linn. Bordeaux 25: 652. 1864; Mém. Acad. imp. Metz 47: 139-162. 1866 (b. 14 Jul 1804; biogr., bibl.).

5291a. *Notice sur quelques espèces de chênes*, et spécialement sur le chêne liège (Quercus suber), . . . à Metz (chez Verronnais, . . .) 1839. Oct. (*Not. chênes*).
Publ.: 1839, 40 p. *Copy*: P (Bibl. centr.).

Malinvaud, Louis Jules Ernest (1836-1913), French botanist; secretary-general of the Société botanique de France 1884-1904; vice-président 1904-1906; président 1906-1908, archivist 1908-1913. (*Malinv.*).

HERBARIUM and TYPES: P, PC, Inst. agron. de Paris. Exsiccatae: *Menthae exsiccatae praesertim Gallicae,* 1877-1881 (4 fasc. of 25 nos. each, 60 sets); sets at AUT, BM, BORD, G, L, LE, MANCH, P. – See Aymonin (1977). – Correspondence at P.

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Anon., Bot. Not. 1914: 31 (d. 22 Sep 1913); Bull. Soc. bot. Deux-Sèvres 19: *pl. 8.* 1908; Bull. Soc. bot. France 23(bibl.): 40. 1876; Bull. Soc. bot. France 24(bibl.): 42-45. 1877 (on *Menthae exsiccatae,* 60 sets; sets 1-2, 1-50 publ.), 25(bibl.): 47-48. 1878 (set 3, 51-75 publ.), Table art. orig. 1854-1893, p. 153-160; Rev. bryol. 29: 36. 1902.

Aymonin, G. G., C. R. Congr. Soc. sav. 102(3)(Limoges): 47-57. 1977 (herb., corr.).

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HANDWRITING: Candollea 31: 353-354. 1976.

EPONYMY: *Malinvaudia* E. P. N. Fournier (1885).

5292. *Matériaux pour l'histoire des Menthes* . . . I. Révision des Menthes de l'herbier Lejeune [Caen 1879]. Oct. (*Nat. hist. Menth.*).
Publ.: 1879 or early 1880 (Nat. Nov. Mai(1) 1880; Bot. Zeit. 9 Jul 1880; J. Bot. Sep 1880), p. [1]-50. *Copies*: G. L, NY. – Reprinted from Bull. Soc. Linn. Normandie 3: 3-52. 1879.
Ref.: Anon., Bull. Soc. bot. France 26(bibl.): 232-234. 1880 (rev.).

5293. *Prodrome d'une réponse* . . . [Journal de Botanique 1898]. Oct.
Publ.: 1898, p. [1]-3. *Copy*: FI. – Reprinted and to be cited from J. de Bot. 12: 23-24. 1898. The article deals with O. Kuntze's attacks on Levier (see TL-2/4473), Ascherson, Lejolis and Malinvaud, mentioning *Trifolium charlatanicum* var.? *Malinvaudianum.* See also E. Malinvaud, Simple question adressée à M. O. Kuntze (J. de Bot. 10: 195. 1896). Malinvaud took an active part in the nomenclature battle of the 1890-s; for a list of his many notes see e.g. CSP 16: 1026-1027.

5294. *Motion présentée au Congrès international de Botanique de Vienne* par Mr. Ernest Malinvaud. Paris 25 juin 1904. No. 6357.
Publ.: 25 Jun 1904, 1 p. *Copy*: FAS. – Motion to defer action on nomenclature proposals submitted to the Vienna Congress of 1905 until the next Congress.

Malme [until 1891: Andersson], **Gustaf Oskar Andersson** (1864-1937), Swedish botanist; Dr. phil. Uppsala 1892; curator of botany at the Stockholm Riksmuseum 1895-1901, 1903-1905; travelled in S. America 1892-1894, 1901-1903; lecturer in biology and chemistry at Norrmalm, Stockholm 1905-1911; id. at a Stockholm teachers college from 1911. (*Malme*).

HERBARIUM and TYPES: S. – Exsiccatae: (1) *Lichenes austroamericani ex herbario Regnelliano* fasc. 1-13, nos. 1-325 (fasc. 1, 1924) [continued by Rolf Santesson (1916-x), fasc. 14-19, nos. 326-475.] Sets see IH; (2) *Lichenes suecici exsiccati,* fasc. 1-40, nos. 1-1000, 1897-1926. Sets see IH. (total number of sets: 22).

BIBLIOGRAPHY and BIOGRAPHY: AG 12(2): 472; Barnhart 2: 440 (d. 5 Mar 1937); BJI 2: 110;

BL 1: 242, 307, 2: 687 [index]; BM 3: 1228-1229, 7: 787; Bossert p. 250; CSP 16: 1031; GR p. 479, *pl.* [*38*], cat. p. 67; Hawksworth p. 184; IH 1 (ed. 6): 361, 2: 496; Kew 3: 573-574; Kleppa p. 137; KR p. 489-494; Langman p. 468; LS 16714-16725, 36531-36537, suppl. 17139-17176; MW p. 298; Rehder 5: 540; SBC p. 126 ("Malme"); SO 2927; TL-2/781, 1711, 4275; Tucker 1: 457; Urban-Berl. p. 279, 289, 372.
Anon., Bot. Not. 1893: 215 (trip to S. Amer.); Generalreg. Bot. Not. 52-53, 133. 1939; Hedwigia 77: (109). 1937 (d. 5 Mar 1937).
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Fries, R. E., Short hist. bot. Sweden 41, 54. 1950.
Gagnepain, F., *in* H. Lecomte, Fl. gén. Indochine, tome prél. 44. 1944.
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Laundon, J. R., Lichenologist 11: 14. 1979 (lichens at S).
Lindberg, H., Memor. Soc. Faun. Fl. fenn. 13: 140, 146-147. 1938 (portr.).
Prance, G., Acta amaz. 1(1): 45. 1971.
Sayre, G., Mem. New York Bot. Gard. 19(1): 143-145. 1969.
Urban, I., Fl. bras. 1(1): 51-53. 1906 (itin., coll., biogr.; b. 24 Oct 1864).
Verdoorn, F., Chron. bot. 4: 72. 1938.
Wittrock, V. B., Acta hort. Berg. 3(2): 61-62, *pl. 14.* 1903 (portr.), 3(3): 44. 1905.

COMPOSITE WORKS: (1) EP, *Nat. Pflanzenfam.* ed. 2, *Xyridaceae,* 15a: 35-38. Apr 1930.
(2) NAF, *Xyridaceae,* 19(1): 3-15. 27 Nov 1937.
(3) Lecomte, *Fl. gén. Indochine*, *Xyridaceae* 6(6): 832-840. Nov 1934; *Xyridaceae* 6(7): 841. Jun 1937.

FESTSCHRIFT: Svensk botanisk Tidskrift 18(3).

EPONYMY: *Malmea* R. E. Fries (1905); *Malmella* C. Dodge (1933); *Malmeomyces* Stärback (1899); *Malmia* E. M. Choisy (1931).

5295. *Die Xyridaceen der ersten Regnell'schen Expedition.* Stockholm (P. A. Norstedt & Söner) 1896. Oct. (*Xyridaceen Regnell. Exped.*).
Collector: Anders Fredrik Regnell (1807-1884).
Publ.: Mar-Jul 1896 (Bot. Centralbl. 29 Jul 1896; Nat. Nov. Dec(2) 1896; presented to Akad. 12 Feb 1896), p. [1]-27, *pl. 1-2. Copy*: U. – Bih. K. Sv. Vet.-Akad. Handl. 22. Afd. 3, no. 2.

5296. *Die Burmannien der ersten Regnell'schen Expedition* ein Beitrag zur Kenntniss der amerikanischen Arten dieser Gattung. Stockholm (P. A. Norstedt & Söner) 1896. Oct (*Burmann. Regnell. Exped.*).
Publ.: Oct-Nov 1896 (submitted 9 Sep 1896; Nat. Nov. Dec(2) 1896), p. [1]-32, [1], *pl. 1. Copy*: U. – Bih. K. Sv. Vet.-Akad. Handl. 22, Afd. 3, no. 8.

5297. *Die Flechten der ersten Regnell'schen Expedition.* I. Einleitung. Die Gattung Pyxine (Fr.) Nyl. Stockholm (P. A. Norstedt & Söner) 1897. Oct. (*Flecht. Regnell. Exped.*).
Pars I: 1897 (Nat. Nov. Feb(2) 1899), presented to Akad. 10 Nov 1897), p. [1]-52. *Copy*: U. – Bih. K. Sv. Vet.-Akad. Handl. 23, Afd. 3, no. 13.
Pars II: *Die Gattung Rinoclina* (Ach.) Stiz. Stockholm (P. A. Norstedt & Söner) 1902. Oct. *Publ.*: 1902 (presented to Akad. 8 Jan 1902; tryckt 31 Mai 1902), p. [1]-53. *Copy*: U. – Bih. K. Sv. Vet. Akad. Handl. 28, Afd. 3, no. 1.

5298. *Ex herbario Regnelliano.* Adjumenta ad floram phanerogamicam Brasiliae terrarumque adjacentium cognoscendam. Stockholm (P. A. Norstedt & Söner) 1898-1901, 5 parts. Oct. (*Herb. Regnell.*).
Particula 1: 1898 (presented to Akad. 13 Apr 1898), p. [1]-30. *Copy*: U. – Bih. K. Sv. Vet.-Akad. Handl. 24, Afd. 3, no. 6.
Particula 2: 1899 (Nat. Nov. Mar(2) 1899; Feb(2) 1900; presented to Akad. 12 Oct 1898), p. [1]-37. *Copy*: U. – Bih. K. Sv. Vet.-Akad. Handl. 24, Afd. 3, no. 10.
Particula 3: 1900 (Nat. Nov. Jun(1) 1901; presented to Akad. 13 Dec 1899), p. [1]-60, *pl. 1-2. Copy*: U. – Bih. K. Sv. Vet.-Akad. Handl. 25, Afd. 3, no. 11.

Particula 4: 1901 (presented to Akad. 13 Mar 1901), p. [1]-25. *Copy*: U. – Bih. K. Sv. Vet.-Akad. Handl. 27, Afd. 3, no. 5.
Particula 5: 1901 (presented to Akad. 11 Sep 1901), p. [1]-38, *pl. 1. Copy*: U. – Bih. K. Sv. Vet.-Akad. Handl. 27, Afd. 3, no. 11.

5299. *Xyridaceae brasilienses,* praecipue Goyazenses a Glaziou lectae. Stockholm (P. A. Norstedt & Söner) 1898. Oct. (*Xyrid. bras.*).
Collector: Auguste François Marie Glaziou (1828-1906).
Publ.: 1898 (Nat. Nov. Nov(1) 1898; presented to Akad. on 9 Mar 1898), p. [1]-20, *pl. 1. Copy*: U. – Bih. K. Sv. Vet.-Akad. Handl. 24, Afd. 3, no. 3.

5300. *Die Compositen der ersten Regnell'schen Expedition* ... Stockholm (Kungl. Boktryckeriet P. A. Norstedt & Söner) 1899. Qu. (*Compos. Regnell. Exped.*).
Publ.: 1899 (submitted 12 Apr 1899; Nat. Nov. Feb(2) 1900; Bot. Centralbl. 21 Mar 1900), p. [1]-90, *pl. 1-7*, uncol. *Copies*: M, U, US. – K. Sv. Vet.-Akad. Handl. 32(5).

5301. *Beiträge zur Stictaceen-Flora Feuerlands und Patagoniens.* Stockholm (P. A. Norstedt & Söner) 1899. Oct. (*Beitr. Stictac.-Fl. Feuerlands*).
Publ.: 1899 (presented to Akad. 7 Jun 1899), p. [1], [1, err.]-39, [40], *pl. 1-2. Copies*: FH, U. – Bih. K. Sv. Vet.-Akad. Handl. 25, Afd. 3, no. 6.

5302. *Die Asclepiadaceen des Regnell'schen Herbars* ... Stockholm (Kungl. Boktryckeriet P. A. Norstedt & Söner) 1900. Qu. (*Asclep. Regnell. Herb.*).
Publ.: 1900, p. [1]-101, [102, err.], *pl. 1-8*, uncol., with text. *Copies*: G, M, U, US. – K. Sv. Vet.-Akad. Handl. 34(7). *Note*: Nat. Nov. Apr(1) 1902 expressly states "1900(1902)."

5303. *Beiträge zur Xyridaceen-Flora Südamerikas.* Stockholm (P. A. Norstedt & Söner) 1901. Oct. (*Beitr. Xyrid.-Fl. Südamer.*).
Publ.: 1900 (Nat. Nov. Dec(1) 1901; presented to Akad. 12 Dec 1900), p. [1]-18, *pl. 1. Copy*: U. – Bih. K. Sv. Vet.-Akad. Handl. 26, Afd. 3, no. 19.

5304. *Asclepiadaceae paraguayenses* a d: re E. Hassler collectae. Stockholm (P. A. Norstedt & Söner) 1901. Oct. (*Asclep. paraguay.*).
Collector: Émile Hassler (1861-1937).
Publ.: 1901 (presented to Akad. 8 Mai 1901, p. [1]-40, *pl. 1. Copy*: U. – Bih. K. Sv. Vet.-Akad. Handl. 27(3). no. 8.

5305. *Beiträge zur Kenntniss der südamerikanischen Arten der Gattung Pterocaulon* Ell. Stockholm (P. A. Norstedt & Söner) 1901. Oct. (*Beitr. südamer. Pterocaulon*).
Publ.: 1901 (presented to Akad. 11 Sep 1901), p. [1]-25, [26-27], *pl. 1-4. Copy*: U. – Bih. K. Sv. Vet.-Akad. 27, Afd. 3, no. 12.

5306. *Oxypetali species novae* vel ab auctoribus saepe confusae ... [Stockholm 1904]. Oct. (*Oxypet. sp. nov.*).
Publ.: Shortly after 21 Jul 1904 (printed; Nat. Nov. Oct(1) 1904), p. [1]-19, *1 pl. Copy*: U. – Arkiv för Botanik 3(8).

5307. *Die Umbelliferen der zweiten Regnell'schen Reise* ... [Stockholm 1904]. Oct. (*Umbell. Regnell. Reise*).
Publ.: shortly after 19 Oct 1904 (printed; Nat. Nov. Dec(2) 1904), p. [1]-22. *Copy*: U. – Arkiv för Botanik 3(13).

5308. *Die Gentianaceen der zweiten Regnell'schen Reise.* ... [Stockholm 1904]. Oct. (*Gentian. Regnell. Reise*).
Publ.: shortly after 21 Jul 1904 (printed), p. [1]-23, *pl. 1-2. Copy*: U. – Arkiv för Botanik 3(12).

5309. *Asclepiadaceae paranenses* a d: re P. Dusén collectae ... [Stockholm 1905]. Oct. (*Asclep. paran.*).
Collector: Per Karl Hjalmar Dusén (1855-1961).

Publ.: 7 Jun 1905 (Nat. Nov. Sep(2) 1905), p. [1]-14. *Copy*: U. – Arkiv för Botanik 4(3).

5310. *Om papilionacéer med resupinerade blommor* ... [Stockholm 1905]. Oct. (*Papil. resup. blomm.*).
Publ.: 7 Jun 1905 (Nat. Nov. Sep(2) 1905), p. [1]-22. *Copy*: U. – Arkiv för Botanik 4(7).

5311. *Dahlstedtia,* eine neue Leguminosen-Gattung ... [Stockholm 1905]. Oct. (*Dahlstedtia*).
Publ.: 7 Jun 1905 (Nat. Nov. Sep(2) 1905), p. [1]-6. *Copy*: U. – Arkiv för Botanik 4(9). See also Repert. spec. nov 1: 122-123. 1905.

5312. *Adnotationes de nonnullis Asclepiadaceis austroamericanis* ... [Stockholm 1905]. Oct. (*Adnot. Asclep. austroamer.*).
Publ.: 13 Sep 1905, p. [1]-19. *Copy*: U. – Arkiv för Botanik 4(14). New species also in Repert. Spec. nov. 2: 102-106. 1906.

5313. *Die Bauhinien von Matto Grosso* ... [Stockholm 1905]. Oct. (*Bauhin. Matto Grosso*).
Publ.: 30 Dec 1905 (Nat. Nov. Mar(2) 1906), p. [1]-16. *Copy*: U. – Arkiv för Botanik 5(5). See also Repert. spec. nov 2: 185-187. 1906.

5314. *Die Vochysiaceen Matto Grossos* ... [Stockholm 1905]. Oct. (*Vochysiac. Matto Grossos*).
Publ.: 30 Dec 1905 (Nat. Nov. Mar(2) 1906), p. [1]-12. *Copy*: U. – Arkiv för Botanik 5(6). See also Repert. spec. nov 2: 187-189. 1906.

5315. *Die amerikanischen Spezies der Gattung Xyris* L. Untergattung *Euxyris* (Endlicher) ... Uppsala & Stockholm (Almqvist & Wiksells Boktryckeri A. B.) 1913. Oct. (*Amer. Xyris*).
Publ.: shortly after 16 Sep 1913 (printed; Nat. Nov. Mar(1) 1914), p. [1]-32. *Copy*: NY. – Arkiv för Botanik 13(8).

5315a *Xyris L. Untergattung Nematopus* (Seubert). Entwurf einer Gliederung ... Uppsala & Stockholm (Almqvist & Wiksells Boktryckeri-A.-B.) 1913. Oct. (*Xyris/ Nematopus*).
Publ.: shortly after 19 Aug 1913 (printed; Nat. Nov. Mar(1) 1914), p. [1]-103. *Copy*: NY. – Arkiv för Botanik 13(3).

5316. *Compositae paranaenses dusenianae* ... Stockholm, (Almqvist & Wiksells Boktryckeri-A.-B.), Berlin (R. Friedländer ...), Paris (Librairie C. Klincksieck ...) [1933]. Qu. (*Compos. paran. dusen.*).
Publ.: shortly after 24 Mar 1933 (p. 122; Nat. Nov. Sep 1933), p. [1]-122, *pl. 1-6. Copy*: US. – K. Sv. Vet.-Akad. Handl. 12(2).

5317. *Asclepiadaceae argentinae* ... [Stockholm 1934]. Oct. (*Asclep. argent.*).
Publ.: 11 Apr 1934, p. [1]-45. *Copy*: U. – Arkiv för Botanik 26A(4).

5318. *Die Stictazeen der ersten Regnell'schen Expedition* ... [Stockholm 1935]. Oct. (*Stictaz. Regnell. Exped.*).
Publ.: 31 Jan 1935, p. [1]-18. *Copy*:U. – Arkiv för Botanik 26A(14).

5319. *Die Ramalinen der ersten Regnell'schen Expedition* ... [Stockholm 1935]. Oct. (*Ramal. Regnell. Exped.*).
Publ.: 31 Jan 1935, p. [1]-9. *Copy*: U. – Arkiv för Botanik 26A(12).

5320. *Die Gyalectazeen der ersten Regnell'schen Expedition* ... [Stockholm 1935]. Oct. (*Gyalect. Regnell. Exped.*).
Publ.: 31 Jan 1935, p. [1]-10. *Copy*: U. – Arkiv för Botanik 26A(13).

Malmgren, Anders Johan (1834-1897), Finnish zoologist and botanist; Dr. phil. Helsinki 1864; professor of zoology Helsinki 1869; inspector of fisheries 1874; governor of Uleåborg (Ostrobotnia) 1889. (*Malmgren*).

HERBARIUM and TYPES: H; for duplicates see IH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 440; BL 2: 92, 687; BM 4: 1229; Herder p. 54, 195, 199, 259; IH 2: 496; Kleppa p. 290; KR p. 494 (b. 21 Nov 1834, d. 14 Apr 1897); PR 5760-5761; Rehder 5: 540; Saelan p. 317 (bibl.); TR 842; Urban-Berl. p. 307, 372.
Anon., Bonplandia 9: 184. 1861 (on Swedish Spitzbergen-Exp.); see also Bot. Zeit. 21: 154. 1863 (Flora von Spitzbergen; Saelan no. 3).
Elfving, F., Acta Soc. Fauna Fl. fenn. 50: 223. 1921 (main biogr. data).
Palmén, J. A., Medd. Soc. Fauna Fl. fenn. 23: 60-63. 1898 (obit., b. 21 Nov 1834, d. 12 Apr 1897).
Wittrock, V. B., Acta Horti Berg. 3(3): 94, *pl. 121*. 1905 (portr.).

COMPOSITE WORKS: *Botanik*, p. 254-262, in *Svenska expeditioner till Spetsbergen och Jan Mayen* . . . 1867. See also Sv. Vet.-Akad. Öfv. 19: 229-268. 1862 (öfversigt af Spetsbergens Fanerogam-Flora; English: J. Bot. 1864: 130-172).

EPONYMY: *Malmgrenia* Vainio (1939).

5321. *Botaniska resa till Satakunta* och södra Österbotten, med understöd af Sällskapet pro Fauna & Flora fennica, verkställd sommaren 1859 af Th. Simming, P. A. Karsten och A. J. Malmgren. [Helsingfors (Finska Litteratur-Sällskapets Tryckeri) 1861]. Oct. (*Bot. resa Satakunta*).
Authorship: Malmgren wrote the preface, the treatment of the phanerogams and the lichens (the latter with identifications by W. Nylander) as well as two zoological chapters. The reprint described here contains only the parts written by Malmgren. Saelan lists this publication under Malmgren, notwithstanding the order of the authors' names in the title. Other authors: Petter Adolf Karsten (1834-1917) (Agaricinei, on p. 188-192), and Theodor Simming (1834-1870) (Filic., Bryoph., Char. on p. 43-61; see also Not. 6: 192-193. 1861, adds.).
Publ.: 1861, between 13 Mai and 3 Aug (inf. P. Isoviita), p. [1]-42, [63]-85, and zool.: [87]-94, [95]-108. *Copy*: H. – Reprinted from Not. Sällsk. Fauna Fl. fenn. Förh. 6, 1861 and to be cited from this journal. The exact date of the reprint itself is not known; the above dates are those of publication of the journal vol.

Malta, Nicolajs (1890-1944), Latvian botanist; Dr. phil. Riga 1927; from 1927 lecturer at the University of Riga; died in Germany. (*Malta*).

HERBARIUM and TYPES: RIG; further material at H and S.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 444; BJI 2: 111; Bossert p. 251; Collander p. 347; GR p. 581; IH 2: 497; LS suppl. 17183; SBC p. 126 (Malta).
Anon., Rev. bryol. 47: 31. 1920, 48: 64. 1921, ser. 2.1(1): 62, 70, 104, 208, 214, 4: 100. 1931, Rev. bryol. lichénol. 1: 310. 1934.
Christiansen, W. & W., Bot. Schrifttum Schlesw.-Holst. 317. 1936.
Gager, C. S., Brooklyn Bot. Gard. Rec. 27(3): 299. 1938 (dir. bot. gard. Riga from 1922).
Meder, A., Korr.-Bl. Naturf. Ver. Rigas, Register 25. 1932.
Sayre, G., Bryologist 70: 513. 1977 (herb.).

5322. *Beiträge zur Moosflora des Gouvernements Pleskau* mit besonderer Berücksichtigung des Kalksteingebietes der Welikajamündung . . . Riga (Gedruckt in der Müllerschen Buchdruckerei, Riga . . .) 1919. Oct. (*Beitr. Moosfl. Pleskau*).
Publ.: 1919, p. [1]-78. *Copies*: B, H, MO, NY(4), Steere, U, US.
Ref.: Engler, A., Bot. Jahrb. 57(Lit.): 37. 1922.

5323. *Die Gattung Zygodon* Hook. et Tayl. Eine monografische Studie . . . Riga 1926. Oct. (*Gatt. Zygodon*).
Publ.: 12 Oct 1926 (Nat. Nov. Apr 1927), p. [1]-184, [1, cont., date]. *Copies*: B, FH, FI, MO, U. – Latvijas Universitates Botaniskā Dārza Darbi no. 1. – Illustrations by H. Skuja. Preliminary studies: Acta Univ. Latv. 2: 97-102. 1922, 5: 187-192. 1923, 6: 273-285. 1923, 9: 111-153. 1924, 10: 303-335. 1924 ("Studien . . . Zygodon").
Ref.: Reimers, H., Bot. Jahrb. 62(Lit.): 1-2. 1928 (material from B, Brotherus and H. Möller used).

5324. *A survey of the Australasian species of Ulota* [Acta Horti botanici Univ. Latv. . . . 1933]. Oct. (*Surv. Australas. Ulota*).
Publ.: 3 Jun 1933 (date on wrapper reprint), p. [1]-24. *Copy*: H (inf. P. Isoviita). Preprinted from Acta Horti bot. Univ. Latv. 7, 1933 (journal issue n.v.). Malta also published on the Ulota species of S. America in ib. 2, 1927.

Malte, Malte Oskar (1880-1933), Swedish-born botanist who settled in Canada; Dr. phil. Lund 1910; Dominion agrostologist at Ottawa (1912-1921); chief botanist, National Herbarium of Canada 1921-1933. (*Malte*).

HERBARIUM and TYPES: CAN. – Duplicates see IH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 441; BM 3: 1229; Bossert p. 251; IH 1 (ed. 6): 361, 2: 497; KR p. 495; Zander ed. 10, p. 688, ed. 11, p. 784.
Anon., Bot. Not. 1922: 175 (appointed chief botanist); Science ser. 2. 78: 208. 1933 (d.; err. Malta); The New York Times 13 Aug 1933.
Boivin, B., Provancheria 10: 171. 1980 (coll.).
Clark, G. H. & M. O. Malte, Fodder and pasture plants. Ottawa 1913, 143 p.
Dahlgren, K. V. O., *in* R. E. Fries, Short hist. bot. Sweden 91. 1950.
Güssow, H. T., Proc. Linn. Soc. London 146: 163-164. 1934.
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. Herb. 107. 1970 (some Swedish pl. at E ex LD).
Hultén, E., Bot. Not. 1940: 293, 331 (coll. Alaska).
Nilsson-Leissner, G., Bot. Not. 1933: 64 (trip Rügen 1906).
Polunin, N., Bot. Canad. E. Arctic 1: 19. 1940.
Witte, H., Bot. Not. 1934: 500-505 (obit., portr., bibl.; b. 8 Mar 1880. d. 12 Aug 1933), Sv. bot. Tidskr. 28(4): 485-490. 1934 (obit., portr. bibl.).
W.R.W. & H. F. and M. L. Fernald, Canad. Field Natural. 48(6): 89-93, 145. 1934 (portr., bibl.; d. 12 Aug "1934", err.).

Malthé, Gottlieb Friedrich (*fl.* 1787), German physician and botanist; Dr. med. Goett. 1787. (*Malthé*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1229; PR 5766 (ed. 1: 6450).

5325. *De generatione muscorum.* Commentatio botanica-medica quam illustris medicorum ordinis auctoritate ad consequendos summos in arte medica honores d. ix. novembris a. mdcclxxxvii. Publice defendet Gottlieb Friedrich Malthé. Goettingae (Typis H. M. Grape, . . .) Oct. (*Generat. musc.*).
Publ.: 9 Nov 1787, p. [i]-viii, [1]-32, [1-2, theses]. *Copy*: FH.

Maly, Joseph Karl [Carl] (1797-1866), Prague-born Austrian physician and botanist; Dr. med. Prague 1823; practicing at Graz from 1824. (*Maly*).

HERBARIUM and TYPES: GJO. – Maly contributed specimens to P. M. Opiz, *Flora cryptogamica Boëmiae,* Heft 1-8, Prag 1818; set e.g. at BRNM. Other material at E, LD, NAP, PR, WAG.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 305, 6(2): 327; Barnhart 2: 441; BJI 2: 111; BM 3: 1230; Bossert p. 251; CSP 4: 211, 8: 316; DTS 1: 181, 6(4): 148, 168-169; Herder p. 186, 192; Hortus 3: 1199 ("Maly"); IH 2: 497; Jackson p. 577; Klásterský p. 123; Kew 3: 575; Maiwald p. 190, 280; Morren ed. 10, p. 31; PR 5767-5775 (ed. 1: 6451-6454); Rehder 5: 541; Saccardo 1: 100, 2: 66, cron. p. xxv; TL-1/790, TL-2/1: 386; Tucker 1: 457; Urban-Berl. p. 372; Zander ed. 10, p. 688, ed. 11, p. 784 (b. 2 Mar 1797, d. 25 Jan 1866).

Anon., Bonplandia 4: 59. 1856 (subscription to help M who had fallen to poverty because of illness), 4: 306. 1856 (herb. to Steiermark); Flora 49: 171. 1866; Bot. Zeit. 24: 120. 1866; J. Bot. 4: 93. 1866; Österr. bot. Z. 16: 87, 91. 1866 (d.); Österr. bot. W. 6: 129 (herb.

offered for sale), 304. 1856 (herbarium bought "von den Landständen Steiermarks", now GJO; 3700 species, 20.000 specimens).
Candolle, Alph. de, Phytographie 431. 1880 (4000 specimens at GJO).
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 107. 1970 (material at E).
Heufler, R. v., Bonplandia 5: 108-109. 1857 (autobiographical notes; request for financial help), Lotos 7: 82. 1857 (id.).
Maiwald, V. F., Jahresber. Stifs-Obergymn. Braunau 1901: 12-13. (b. 3 Mar 1797; d. 25 Jan 1866; bibl.).
Matouschek, F., Verh. k.k. bot. Ges. Wien 1900, p. 276-286, see also Bot. Centralbl. 85(2): 54. 1901 (Maly contr. musci to Opiz, Fl. crypt. Boëmiae).
Neilreich, A., Verh. zool.-bot. Ver., Wien 5: 59. 1855.
Seemann, B., J. Bot. 4: 93. 1866.
Simonkai, L., Enum. fl. transsilv. xxv. 1886.
Skofitz, A., Österr. bot. Z. 11: 1-6. 1861 (portr.; b. 2 Mar 1797; the Heufler subscription yielded a sum twice as high as that received for the herbarium).
Wittrock, V. B., Acta Horti Berg. 3(2): 83. 1903.

NOTE: Not to be confused with the Bohemian gardener Franz de Paula Maly (1823-1891) who collected in Brazil 1859-1860 (see e.g. I. Urban, Fl. bras. 1(1): 53. 1906) and his son Karl (1874-1951) who lived in Bosnia, collected in Bosnia and other countries now constituting Yugoslavia, as well as in Tirol, and founded the Sarajevo herbarium.

EPONYMY: *Malya* F. M. Opiz (1852) is almost certainly dedicated to J. K. Maly in view of the association between the two botanists.

5326. *Systematische Beschreibung der gebräuchlichsten in Deutschland wildwachsenden oder kultivirten Arzneigewächse,* zum Gebrauche für studierende Aerzte, Wundärzte and Apotheker, ... Graz (Verlag von Eduard Ludewig). Oct. (*Syst. Beschr. Arzneigew.*).
Publ.: Jan-Jun 1837 (p. vi: Sep 1836; Flora 28 Jun 1837), p. [i]-x, [1]-134, [1-8, index]. *Copy*: G.

5327. *Flora styriaca,* oder nach natürlichen Familien geordnete Uebersicht der im Herzogthume Steyermark wildwachsenden und allgemein gebauten, sichtbar blühende Gewächse und Farrn, mit Angabe der Standorte, der Blüthezeit und der Dauer ... Grätz (Eduard Ludewig's Verlag), Leipzig (Magazin für Industrie und Literatur) 1838. Duod. (*Fl. styr.*).
Publ.: Aug 1838 (p. xiv: Jan 1838; Flora 21 Jul 1838 ready for printing, "neu" 28 Aug 1838, rev. 28 Nov 1838), p. [i]-xvi, [1]-159, [160, impr.]. *Copies*: B, BR, FI, G, HBG, NY. – For errata see Flora 25: 250-256. 1842.
Nachträge: Jan-Feb 1848 (p. iv: Aug 1847; Regensburg Mar 1848; Bot. Zeit. 28 Jul 1848; Flora 7 Apr 1848), p. [i]-iv, [1]-20. *Copies*: FI, G. – "*Nachträge zu seiner im Jahre 1838 erschienenen Flora styriaca* von Dr. J. K. Maly." Gratz (Verlag von Jac. Fr. Dirnböck) 1848.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 6: 549. 28 Jul 1848.

5328. *Anleitung zur Bestimmung der Gattungen der in Deutschland wildwachsenden* und allgemein kultivirten *Pflanzen,* nach der sehr leichten und sicheren analytischen Methode. Zum Gebrauche für die Besitzer von Koch's und Kittel's Taschenbüchern der deutschen Flora ... Wien (Braumüller & Seidel) 1846. Oct. (*Anl. Best. Gatt. Pfl.*).
Ed. [*1*]: Jan 1846 (Flora rd. Jan 1846), p. [i]-xi, [1]-164. *Copies*: GJO, M.
Ed. 2: Jan-Mai 1848 (Flora rd. Mai 1848; Bot. Zeit. 17 Nov 1848), p. [i]-xi, [1]-164. *Copy*: M. – Only difference: title page. Wien (Wilhelm Braumüller) 1848. Oct.
Ed. 2, enlarged: Jan 1858 (p. xii: Oct 1857; ÖbZ 1 Feb 1858), p. [i*], [i]-xii, [1]-170. *Copies*: B, FI, GJO, L, NY. – Zweite vermehrte Auflage. Wien (Wilhelm Braumüller) 1858. Oct.

5329. *Enumeratio plantarum phanerogamicarum imperii austriaci universi* ... Vindobonae [Wien] (Braumüller et Seidel ...) 1848. Oct. (*Enum. pl. phan. austriac.*).
Publ.: Mai 1848 (p. xii: Jun 1847; Flora rd. May 1848; Hinrichs 5-6 Jun 1848), p. [i]-xvi, [1]-423. *Copies*: B, FI, G, Regensburg.
Nachträge: 1861, p. [i], [1]-348. *Copy*: MO. - By August Neilreich, "Nachträge zu Maly's Enumeration ..." Wien (Im Inlande besorgt durch W. Braumüller ...), Leipzig (... F. A. Brockhaus) 1861. (*Nachtr. Maly Enum.*).

Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 6: 791-792. 10 Nov 1848.
Pokorny, A., Österr. bot. W. 1: 238-240. 1851.

5330. *Flora von Deutschland.* Nach der analytischen Methode ... Wien (Wilhelm Braumüller ...) 1860. Oct. (*Fl. Deutschl.*).
Publ.: Jun 1860 (p. iii [=viii]: Mar 1860; ÖbZ 1 Jul 1860; Bot. Zeit. 28 Dec 1860; Flora 14 Dec 1860), p. [i]-xcv, [1]-585, [1, err.]. *Copies*: B, FI, G, M, MO.
Ref.: Anon., Österr. bot. Z. 10: 239, 268-269. 1860; Bonplandia 9: 43. 1861.

5331. *Botanik für Damen.* Enthaltend die Anfangsgründe und Systemkunde nebst der systematischen Beschreibung der in der Hauswirtschaft gebräuchlichen Gewächse und der in Gärten allgemein cultivirten Zierpflanzen ... Wien (Druck und Verlag von Carl Gerold's Sohn) 1862. (*Bot. Damen*).
Publ.: 1862 (ÖbZ 1 Mai 1862; Bot. Zeit. 27 Jun 1862), p. [i]-x, [1]-322. *Copy*: NY.

5332. *Systematische Beschreibung der in Österreich wildwachsenden und kultivirten Medicinal-Pflanzen.* Für Ärzte und Apotheker ... Wien (Wilhelm Braumüller ...) 1863. Oct. (*Syst. Beschr. Österr. Med.-Pfl.*).
Publ.: Mar-Jun 1863 (p. vi: Feb 1863; Bot. Zeit. 3 Jul 1863), p. [i]-xiii, [1]-190. *Copy*: NY.

5333. *Flora von Steiermark.* Systematische Übersicht der in Steiermark wildwachsenden und allgemein gebauten blühenden Gewächse und Farne mit Angabe der Standorte, der Blütezeit und Dauer aus dem Nachlasse von Dr. Joseph Karl Maly ... Wien (Wilhelm Braumüller ...) Oct. (*Fl. Steiermark*).
Editor: Richard Leo Maly (1939-1891), son of J. K. Maly.
Publ.: Jan-Apr 1868 (p. v: Oct 1867; ÖbZ 1 Jul 1868; Bot. Zeit. 22 Jan 1869; Flora 12 Mai 1868), p. [i]-xii, [1]-303. *Copies*: B, FI, G, L, NY, Niklfeld. "*Nachtrage*": see Maly, J. K., Mitt. naturw. Ver. Steiermark 2: 128-153. 1864.

Malzine, Omer de Pierre Antoine Hyacinthe Recq de (1820-1881), Belgian traveller in Mexico. (*Malzine*).

HERBARIUM and TYPES: LG (through Morren).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 441; Langman p. 468; Rehder 1: 331.
Malzinne [sic], O. de , Belgique hort. 21: 15-22, [65-71], 72-81, 129-139. 1871 ("une propriété au Mexique").
Morren, E., Belgique hort. 32: 240. 1882 (d. 27 Dec 1881).

5334. *La flore mexicaine* aux environs de Corsova. Impressions de voyage (1869-1870) ... Gand (Imprimerie C. Annoot-Braeckman, ...) 1873. Oct. (*Fl. mexic.*).
Publ.: 1873, p. [1]-102. *Copy*: MO. – Reprinted from Bull. Fed. Soc. Hort. Belgique 1872: 101-198. – New taxa described by Édouard Morren in *Belgique hort.*
Spanish translation: n.v., by M. Soto, see Langman p. 469.

Mancini, Vincenzo (1853-?), Italian mycologist and ethnologist at Conegliano and Arellino. (*Mancini*).

HERBARIUM and TYPES: PAD.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1232; Bossert p. 251; CSP 16: 1036; IH 2: 498; Kew 3: 577; LS 16738-16745; Saccardo 1: 101.

COMPOSITE WORKS: Contributed to *Sylloge hymenomycetum* by J. Cuboni for P. A. Saccardo, *Sylloge fungorum*, vols 5-6, 1887-1888 q.v.

5335. *Synopsis mycologiae Venetae secundum matrices* ... Patavii [Padua] (Typis Seminarii) 1886. Oct. (*Syn. mycol. Venet.*).
Co-author: Giuseppe Cuboni (1852-1920), see IH 2: 146, material at LE, PAD and ROPV.
Publ.: 1886 (Hedwigia Jan-Feb 1887; J. Bot. Feb 1887) p. [i]-viii, [1]-361. *Copy*: NY. –

For a note on the erroneous way of citing authors in this work see Hedwigia 26: 64-65. 1887.

Mandon, Gilbert ("Gustav") (1799-1866), French administrator and traveller; plant collector in Bolivia, Madeira and the Canary Islands. (*Mandon*).

HERBARIUM and TYPES: B (destroyed); duplicates in many herbaria (see IH). E. Bescherelle distributed plants collected by Mandon as *Algae maderenses*, *Lichens de Madère*, nos 1-98, *Hépatiques de Madére* and *Mousses de Madère*. See Sayre (1969-1975).

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 407; Barnhart 2: 442 (b. 15 Mai 1799); GR p. 337; IH 2: 498; IH 1(ed. 6): 361 (material at GH), 2: 498; PR (alph.); Tucker 1: 457; Urban-Berl. p. 271, 307, 321, 372.
Anon., Bull. Soc. bot. France 13(bibl.): 287. 1867; Flora 50: 90. 1867, Bot. Zeit. 25: 56. 1867: Österr. bot. Z. 17: 129. 1867 ("Gustav", d. 30 Dec 1866).
Beck, G., Bot. Centralbl. 19: 253. 1884, 33: 314. 1888, 34: 149. 1888 (coll. at W), Bot. Anst. Wiens 1894.
Britton, E. G, Bull. Torrey bot. Cl. 23: 472. 1896.
Candolle, Alph. de, Phytographie 431. 1880 (coll.).
Cosson, E., Bull. Soc. bot. Fr. 12(C.R.): 79-83. 1865, 15(C.R.): 94-105, 181-189. 1868 (lists coll.).
Fournier, E., Bull. Soc. bot. France 9: 190-191. 1862, 11(bibl.): 234-235. 1864, 14: 287. 1868 (coll.).
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 108. 1970 (material in E).
Herzog, Th., Pflanzenwelt Boliv. Anden 2. 1923 (Veg. Erde 15).
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Lindemann, E. v., Bull. Soc. Imp. Natural. Moscou 61(1): 45. 1886 (d. 30 Dec 1866; material at MW).
Moldenke, H. N., Plant Life 2: 71. 1946 (1948) (epon.).
Sayre, G., Mem. New York Bot. Gard. 19(1): 87-88, 145. 1969, 19(2): 231. 1971, 19(3): 365-366. 1975.
Steinberg, C. H., Mon. biol. Canar. 4: 34. ills. 35, 36. 1973 (coll. at FI; ills. 35, 36 do not illustrate M's handwriting).
Weddell, H. A., Bull. Soc. bot. France 24: 10-12. 1867.

EPONYMY: *Mandonia* Weddell (1864); *Mandonia* Schultz-Bip. (1865); *Mandonia* Hasskarl (1871); *Mandoniella* Herzog (1916); *Neomandonia* Hutchinson (1934).

Manetti, Giuseppe (*fl.* 1831-1858), Italian botanist; head gardener of the royal garden at Monza nr. Milano (ca. 1844-1858). (*G. Manetti*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 45: Backer p. 656; Barnhart 2: 442; BM 3: 1232; Frank 3 (Anh.): 61; Herder p. 154; Hortus 3: 1199 ("Manetti, G."); Jackson p. 435; Kew 3: 577; Langman p. 269; PR 5778 (ed. 1: 6461); Rehder 5: 541; Saccardo 1: 101, 2: 66.
Chiovenda, E., Nuov. Giorn. bot. Ital. 31: 301-302. 1924.
Leon, N., Bibl. bot.-mexic. 182. 1895.

5336. *Dell'Agave americana.* [Giornale Agrario Lombardo-Veneto 1837]. Oct.
Publ.: Jan-Feb 1837 (in journal), p. [1]-15. *Copy*: FI. – Reprinted and to be cited from Giorn. agr. Lomb.-Ven. 7: 10-24. 1837. (journal issue n.v.).

5337. *Delle specie di Aloe* usate in medicina, nell' economia domestica, nell'arte tintoria, ecc. [Giornale Agrario Lombardo-Veneto 1838]. Oct.
Publ.: Jan-Feb 1838 (in journal), p. [1]-8. *Copy*: FI. – Reprinted from Giorn. agr. Lomb.-Ven. 8, 1838 (journal issue n.v.).

5338. *Catalogus plantarum caesarei regii horti prope Modiciam* ad annum mdcccxlii . . . Mediolani [Milano] (Imp. Regiis typis) (1842]. Oct. (*Cat. pl. hort. Modic.*).

Orig. ed.: Nov-Dec 1842 (p. iv: 11 kal. novembris 1842), p. [i]-x, [1]-107. *Copies*: G, NY.
Supplementum primum ad annum mdccxliv: Aug-Dec 1844 (p. [3]: pridie kal. Jul 1844), p. [1]-36. *Copy*: G.
Supplementum secundum ad annum mdcccxlv: Sep-Dec 1845 (p. [4]: Sep 1845), p. [1]-22, [1, err.]. *Copy*: G.
Supplementum tertium ad annum 1846: n.v.

Manetti, Xaverio [Saverio] (1723-1785), Italian botanist; physician in Florence and director of the local botanic garden. (*X. Manetti*).

HERBARIUM and TYPES: Unknown. Some material at H and S.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 442; BM 3: 1232; Bossert p. 257; Dryander 3: 30, 112; Frank 3(Anh.): 61; Herder p. 154; IH 2: 498; Jackson p. 435; Kew 3: 577; PR 5779-5780 (ed. 1: 6462-6464); Rehder 5: 541; Saccardo 1: 101, 2: 66; SO 65; Tucker 1: 457-458; Zander ed. 10, p. 608, ed. 11, p. 784-785 (d. 10 Nov 1785).
Fries, Th. M., Bref och Skrifv. Linné 1(3): 62, 340, 1(6): 211. 1912.
Gager, C. S., Brooklyn Bot. Gard. Rec. 27(3): 272. 1938 (dir. Florence bot. gard. 1749-1782).
Hulth, J. M. & A. H. Uggla, Bref Skrifv. Linné 2(1): 125, 127, 128, 131. 1916, 2(2): 21. 1943.
Moldenke, H. N., Plant Life 2: 71. 1946 (1948) (epon.).

EPONYMY: *Manettia* Boehmer (1760, *nom. rej.*); *Manettia* Adanson (1763, *nom. rej.*); *Manettia* Mutis ex Linnaeus (1771, *nom. cons.*).

5339. *Viridarium florentinum* sive conspectus plantarum quae floruerunt, & semina dederunt hoc anno 1750. In horto caesareo florentino societatis botanicae custodiae commisso una cum adnotationibus nonnullis, & animadversionibus circa genericas plantarum nomenclaturas, simulque cum constitutione trium novorum generum *Niccolinia, Seguieria, & Guettarda* ... Florentiae [Firenze] (Ex Typographia Bernardi Paperini) 1751. Oct. (*Virid. florent.*).
Publ.: 1751, p. [i]-xvi, 1-109, [1, err.], *Spicilegium* [1]-32. *Copies*: FI, USDA.

5340. Caroli Linnaei naturae curiosorum Dioscoridis secundi equitis; ... *Regnum vegetabile* juxta systema naturae in classes, ordines, et genera ab eodem constitutum postremis auctis & emendatis eiusdem clariss. viri operibus summatim redactum, nec non e Philosophia botanica eiusdem auctoris, vel ex aliorum botanicorum nuperrimis operibus circa vegetabilium partes desumptis definitionibus & potiorum vocabulorum praemissis explicationibus locupletatum, atq. Societatis caesareae physico-botanicae florentinae academicorum usui accomodatum ac recusum. Curante Xaverio Manetti ... Florentiae [Firenze] (Ex typographio Petri Caietani Viviani, ...) 1756. Oct. (*Regn. veg.*).
Publ.: Nov-Dec 1756 (p. 6: Calend. Octob. Ann. mdcclvi), p. [1]-123, *pl. 1-2*, uncol. copp. *Copies*: FI, G, NY, USDA. – Mainly compiled from Linnaeus, Phil. bot. (1751), Gen. pl. (1737) and Syst. nat. (1748), see SO 65.

Maneval, Willis Edgar (1877-1956), American mycologist; Ph. D. Johns Hopkins 1912; at the University of Missouri, Columbia, 1915-1947. (*Maneval*).

HERBARIUM and TYPES: UMO.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 442 (b. 5 Feb 1877, d. 22 Jan 1956); . IH 1(ed. 6): 361, 2: 498; Lenley p. 280; LS suppl. 17216-17221.
Palmquist, E. M., in W. E. Maneval, Suppl. list Missouri fungi 3-4. 1948 (portr., bibl.) (Univ. Missouri Stud. 22(3), 1948).
Seaver, F. J., Mycologia 30(1): 108-109. 1938.

5341. *A list of Missouri fungi* with special reference to plant pathogens and wood-destroying species ... Columbia, Missouri 1937. Oct. (*List Missouri fung.*).
Publ.: 1 Jul 1937, p. [1]-150. *Copy*: FH. – Univ. Missouri Stud. 12(3). 1937.
Supplement: 1948, p. [1]-65. *Copies*: BR, FH. – Ib. 22(3), "*A supplementary list* of ... species"

Columbia (University of Missouri) 1948. Oct. (*Suppl. list Missouri fung.*), Univ. Missouri Stud. 22(3). 1948.

Manganotti, Antonio (1810-1892), Italian botanist; professor of natural history, chemistry and pharmacology at the Lyceum in Verona (*Manganotti*).

HERBARIUM and TYPES: VER; other material BASSA, FI, PI, OXF.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 442; BM 3: 1233; Bossert p. 251; Clokie p. 206; DTS 1: 383 (b. 6 Mar 1810, d. 17 Jan 1892); IH 2: 498; Morren ed. 10, p. 85, 88; PR 5781-5782; Rehder 5: 541; Saccardo 1: 101, 2: 67.
Anon., Österr. bot. Z. 12: 399. 1862.
Hausmann, F. von, Fl. Tirol 1183. 1854.
Massalongo, C., Elogio, Verona 1893 (Atti Accad. agr. Feron. 69), n.v.
Micheletti, L., Bull. Soc. bot. ital. 1892(3): 194-196.

5342. *Cenni di geografia e paleontologia botanica* in relazione specialmente all' Italia settentrionale e Dalmazia ... Verona (Tipografia di G. Antonelli) 1854. Oct. (*Cenni geogr. paleont. bot.*).
Publ.: 1854, p. [1]-34. *Copy*: FI.

5343. *Sopra la distribuzione geografia delle fauna e delle flore osservazioni* ... Mantova (Stab. Tip. Eredi Segna) 1878. Oct. (*Distr. geogr. fl. osserv.*).
Publ.: 1878, p. [1]-31. *Copy*: FI. – Reprinted from Annuar. Ist. tecn. Mantova 1877 (journal issue n.v.).

Mangenot, C. (*fl.* 1883), French physician and algologist. (*C. Mangenot*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1233; De Toni 1: lxxxi.

EPONYMY: *Mangenotia* Pichon (1954) is dedicated to Georges-Marie Mangenot (1899-x), who collected at the Ivory Coast around 1950.

5344. Faculté de Médecine de Paris. *Des algues utiles.* Thèse présentée au concours pour l'agrégation (section d'anatomie, de physiologie et d'histoire naturelle) et soutenue à la Faculté de Médecine de Paris le 31 juillet 1883 ... Paris (Octave Doin, éditeur ...) 1883. Oct. (*Alg. util.*).
Thesis issue: 31 Jul 1883, p. [1]-88. *Copy*: FH.
Trade issue: Aug 1883 (Nat. Nov. Aug(2) 1883; Bot. Centralbl. 3-7 Sep 1883; Bot. Zeit. 28 Sep 1883; J. Bot. Nov 1883), p. [1]-86. [1, cont.]. *Copy*: NY.

Mangin, Arthur (1824-1887), French botanist and historian of science. (*A. Mangin*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1233, 7: 790; Jackson p. 193; Langman p. 470; Rehder 5: 541; SO 2734; Tucker 1: 458.

5345. *Le désert et le monde sauvage* ... Tours (Alfred Mame et fils, éditeurs) 1866. Oct. (*Désert monde sauv.*).
Publ.: 1866 (p. 4: Jul 1865), front., p. [i], [1]-512, *28 pl. Copy*: MO.
English translation: The desert world, edited and enlarged ... London, New York 1869, xi, 624 p. *Copy*: MO (n.v.). Translator: William Henry Davenport Adams.

Mangin, Louis Alexandre (1852-1937), French cryptogamist; Dr. Sc. Paris 1882; high school teacher at Nancy and Paris 1873-1904; from 1904-1931 at the Muséum d'Histoire naturelle; first director of the Laboratoire de Cryptogamie (PC); Director of the Muséum 1920-1932. (*L. Mangin*).

HERBARIUM and TYPES: PC.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 284; Barnhart 2: 442; BJI 1: 39, 2: 111; BM 3: 1233, 7: 790; Bossert p. 251; CSP 10: 707, 12: 481, 16: 1039-1040; DSB 9: 78-79; GR p. 337; IH 2: 498; Kelly p. 142; Kew 3: 578; Langman p. 470; LS 16749-16786, 36551-36571, suppl. 17226-17240; Moebius p. 173, 258; MW p. 298; PH 12; Rehder 5: 541; Stevenson p. 1250; TL-2/4246; Tucker 1: 458.
Anon., J. Bot., Morot 18: lxxx, 1904 (app. Museum); Nat. Nov. 31: 148. 1909 (elected to Acad. Sci., replacing Ph. van Tieghem); Hedwigia 70: (74). 1930 (pres. Acad. Sci., Paris); Rev. bryol. ser. 2. 4: 55. 1931, 55. 1932.
Colin, H., Notice sur la vie et les travaux de Louis Mangin (1852-1937). Paris 1938, 26 p. (Institut de France, Académie des Sciences 1938-22). (b. 8 Sep 1852, d. 27 Jun 1937; portr., biogr.).
Dörfler, J., Botaniker-Adressbuch 64. 1896.
Gager, C. S., Brooklyn Bot. Gard. Rec. 27(3): 210. 1938.
Heim, R., Revue mycol. ser. 2. 2: 41-44, *pl. 2*. 1937 (portr.), Bull. Soc. mycol. France 54(1): 11-22. 1938 (portr.); Bull. Mus. Hist. Nat., Paris ser. 2. 18: 226-252. 1946.
Prescott, G. W., Contr. bibl. antarct. subantarct. algae 287. 1979.
Ramsbottom, J., Nature 139: 828-829. 1937; Proc. Linn. Soc. London 149: 202-203. 1937.
Taton, R., ed., Science in the 19th cent. 352. 1965.
VanLandingham, S. L., Cat. Diat. 6: 3564. 1978, 7: 4200-4201. 1978.
Verdoorn, F., Chron. bot. 4: 177. 1938 (portr. on p. 175).

FESTSCHRIFT: *Travaux cryptogamiques dédiés à Louis Mangin*. Paris Sep 1931, portr., p. iii*, xii, 480, *34 pl.*

EPONYMY: *Bryomanginia* Thériot (1931); *Colletomanginia* Hariot & Patouillard (1906); *Manginella* Batista & Maia (1961); *Manginia* Viala & Pacottet (1904); *Manginula* Arnaud (1918); *Manginulopsis* Batista & Peres (1963).

5346. Deuxième expédition antarctique française (1908-1910) commandée par le Dr. Jean Charcot sciences naturelles: documents scientifiques *Phytoplancton de l'Antarctique* ... Paris (Masson et Cie., éditeurs ...) 1915. Qu. (*Phytoplanct. Antarct.*).
Publ.: 915, p. [i-iv], [1]-95, [96], *pl. 1-3*. *Copies*: B, US.

Manguin, Émile Etienne (1893-1966), French algologist at the Muséum d'Histoire naturelle, Paris (*Manguin*).

HERBARIUM and TYPES: Types of algae at PC; bryophyte and lichen herbarium at CLF.

BIBLIOGRAPHY and BIOGRAPHY: Roon p. 73.
Bourelly, P., Bull. Soc. bot. France 114: 107-108. 1967 (obit., b. 28 Feb 1893, d. 9 Jul 1866).
Fryxell, G. A., Beih. Nova Hedw. 35: 362. 1975 (diat. at PC and PH).
Koster, J. Th., Taxon 18: 555. 1969 (algae at PC).
Loiseau, J. R., Monde Pl. 1971(369): 7 (herb. lich., bryo. at CLF).
Prescott, G. W., Contr. bibl. antarct. subantarct. algae 287. 1979.
VanLandingham, S. L., Cat. Diat. 6: 3564-3565. 1978, 7: 4201. 1978 (bibl.).
Wood, R. D., Monogr. Charac. 1: 825, 1965.

5347. *Catalogue des algues d'eau douce* du Canton de Fresnay-sur-Sarthe ... Le Mans (Imprimerie Charles Monnoyer) 1933. Oct. (*Cat. alg. eau douce*).
Publ.: 1933 (p. 53: 21 Mai 1933), p. [1]-53. *Copy*: G. – Reprinted from Bull. Soc. Agric. Sci. Arts Sarthe.

Mann, Albert (1853-1935), American diatomologist; A. B. and A. M. Wesleyan Univ. 1879; Episcopalian minister, 1880-1892; Dr. phil. München 1894; professor of biology Wesleyan Univ. 1895-1899/1900; from 1905-1935 custodian of diatoms at USDA and the Smithsonian Institution (*A. Mann*).

HERBARIUM and TYPES: US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 443; BM 7: 791; CSP 16: 1041; De Toni 2: lxxviii; Kew 3: 579; Lenley p. 280; LS 36573, suppl. 17242; MW p. 298; NW p. 52; PH 186, 939, see also p. 497.
Anon., Natl. cycl. Amer. biogr. 25: 360-361; Österr. bot. Z. 57: 87. 1907 (app. prof. bot. George Washington Univ., D.C.).
Cupp, E. E., Mar. plankton diat. W. Coast N. Amer. 217. 1943.
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Ewan, J. et al., Short hist. bot. U.S. 15, 18, 79. 1969.
Hagelstein, R., Science ser. 2. 81: 308-309. 1935 (obit., b. 30 Jun 1853, d. 1 Feb 1935).
Humphrey, H. B., Makers N. Amer. bot. 162-163. 1961 (b. 30 Jun 1853, d. 1 Feb 1935).
Kneucker, A., Allg. bot. Z. 13: 72. 1907 (appointed prof. bot. George Washington Univ.).
Merrill, E. D., Contr. U. S. nat. Herb. 30(1): 203. 1947.
Prescott, G. W., Contr. bibl. antarct. subantarct. algae 207. 1979.
VanLandingham, S. L., Cat. Diat. 6: 3565. 1978, 7: 4201-4202. 1978 (bibl.).

5348. *Report on the diatoms of the Albatross Voyages* in the Pacific Ocean, 1888-1904 ... Washington (Government Printing Office) 1907. Oct. (*Rep. diatoms Albatross*).
Publ.: 11 Jul 1907 (Nat. Nov. Dec(1) 1907), p. [i-v], 221-442, [vii]-viii, *pl. 44-54* with text. *Copies*: U, US. – Contr. U.S. nat. Herb. 10(5). 1907.
Facsimile reprint: Jan 1978. Koenigstein/W. - Germany (Otto Koeltz Science publishers). ISBN 3-87429-132-4. *Copy*: FAS. – See Taxon 27: 277. 1978.

5349. *Marine diatoms of the Philippine Islands*. Washington (Government Printing Office) 1925. Oct. (*Mar. diatoms Philipp.*).
Publ.: 27 Jun 1925 (date stamped in some copies by publisher), p. [i], [1, errata], [1]-182, *pl. 1-39*. *Copy*: US. – Smithsonian Institution, United States National Museum, Bulletin 100, volume 6, part 1.

5350. *Australasian antarctic expedition* 1911-1914 ... Scientific reports. Series C. Zoology and botany ... vol. 1, part 1. *Diatoms* ... Sydney (David Harold Paisley, Government Printer) 1937. Oct. (*Australas. antarct. exped., Diatoms*).
Publ.: 1937 (US rd. 10 Nov 1937), p. [1]-82, *pl. 1-6*. *Copy*: US.

Mann, Benjamin Pickmann (1848-1926), American scientific bibliographer and entomologist; A. B. Harvard 1870; instructor bot. Bowdoin Coll. 1877-1881; asst. entomologist USDA 1881-1886; asst. examiner U.S. Patent Office 1887. (*B. Mann*).

HERBARIUM and TYPES: Unknown. – See also Horace Mann, below.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 443 (b. 30 Apr 1848); BM 3: 1233, 7: 791; CSP 8: 318, 12: 481; Lenley p. 280; Rehder 3: 735.
Anon., Amer. men. sc. ed. 2. 307. 1921, ed. 3, p. 450; Entom. news 37: 192. 1926; Psyche 33: 172. 1926 (portr.), Science 63: 353. 1926; Washington Post 24 Mar 1926 (fide Wade); Who is who in America 1: 470. 1900, 13: 2090. 1925.
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COMPOSITE WORKS: Founder of *Psyche*; editor 1874-1885.

Mann, Gustav (1836-1916), German botanist; Kew gardener and collector; on Baikie's Niger Expedition (1859-1862); Indian Forest Service (1863-1891); later living in München. (*G. Mann*).

HERBARIUM and TYPES: K; for further details see IH and Hepper and Neate (1971).

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 352; Barnhart 2: 443; BB p. 205; Clokie p. 206; CSP 4: 215, 16: 1042; Desmond p. 418; Herder p. 291; Hortus 3: 1199 ("Mann"); IH 1 (ed.

6): 361, 2: 499; Jackson p. 380; Kew 3: 579; Morren ed. 2, p. 58, ed. 10, p. 145; PR (no. 5785 is by R. J. Mann); Rehder 5: 542; Tucker 1: 458; Urban-Berl. p. 321, 372.
Anon., Bull. misc. Inf. Kew 1916: 237 (d. 22 Jun 1916); Nature 98: 74. 1916 (d.); Österr. bot. Z. 14: 122. 1864 (superintendent Cinchona plantations Darjeeling); 48(Lit.): 74. 1897 (living at München; issues sets of Asian ferns).
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Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 108. 1970 (coll. E).
Hemsley, W. B., Bull. misc. Inf. Kew 1907: 247-248 (medallion portrait presented to K); Gard. Chron. 60: 176. 1916 (portr.); J. Kew Guild 3: 373-374. 1916 (portr.).
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Kneucker, A., Allg. bot. Z. 4: 51. 1898 (fern exs.).
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Mann, G., J. Proc. Linn. Soc. Bot. 6: 27-30. 1862 (letter to W. J. Hooker on Ascent of Clarence Peak, Fernando Po, on Baikie's exp.), 7: 1-13. 1863 (id., exp. Cameroun Mts.), french translation Ann. Sci. nat. Bot. ser. 4. 18: 239-254. 1863.
Mitten, W., J. Linn. Soc. Bot. 7: 147-169. 1864 (on bryoph. Cameroun Mountain; types in Mitten herb. at NY).
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Verdoorn, F., Chron. bot. 1: 21. 1935 (b. 20 Jan 1836).

NOTE: *On the palms of Western Tropical Africa* by G. Mann and Hermann Wendland (1825-1903), Trans. Linn. Soc. 24: 421-439, *pl. 38-43* was published on 8 Nov 1864. Other publications on Mann's collections were: J. D. Hooker, J. Proc. Linn. Soc., London, 6: 1-23, 1 Nov 1861, 7: 171-241. 5 Apr 1864 (see also Bull Soc. bot. France 9: 58. 1862), M. Oliver, J. Proc. Linn. Soc., London 158-162. 12 Dec 1864 (four new genera); and W. Mitten, J. Proc. Linn. Soc., London 7: 147-169. 29 Oct 1864.

EPONYMY: *Mannia* J. D. Hooker (1862); *Manniella* H. G. Reichenbach (1881); *Manniopyton* J. Müeller Arg. (1864).

Mann, Horace Jr. (1844-1868), German-American botanist; assistant at the Gray Herbarium; B. Sc. Harvard 1867; curator of botany at the Boston Society of natural history. (*H. Mann*).

HERBARIUM and TYPES: CU (American), M (German).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 443; BM 3: 1233; Bossert p. 252; CSP 8: 318; Herder p. 337; Hortus 3: 1199 ("Mann, H."); IF p. 717; IH 1(ed. 6): 361, 2: 499; Jackson p. 357; Kew 3: 580; Lenley p. 280, 463; ME 2: 515, 517; PH p. 497; PR 5786; Rehder 5: 542; Tucker 1: 458.
Anon., Bull. Essex Inst. 1: 25-31, 41-50. 1870; Bull. Soc. bot. France 15 (bibl.): 237. 1869; Flora 52: 144. 1869; Österr. bot. Z. 19: 161. 1869 (d. 11 Nov 1868); Proc. Amer. Acad. Arts Sci. 8, 8 Jan 1896, 3 p. (b. 25 Feb 1844, d. 11 Nov 1868).
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Merrill, E. D., B. P. Bishop Mus. Bull. 144: 130. 1937 (bibl.); Contr. natl. Herb. U.S. 30(1): 203-204. 1947.
Prentiss, A. N., Bull. Torrey bot. Club 8(9): 104-105. 1881, Bot. Centralbl. 8: 60. 1881 (basis of herb. CU formed by H. Mann's herbarium acquired by president White in 1868).
Rogers, A. D., John Torrey 283, 287, 289-299. 1942.
Sayre, G., Mem. New York Bot. Gard. 19(3): 366. 1975.
Voss, E. G., Contr. Univ. Mich. Herb. 13: 81. 1978.

NOTE: Mann was the son of the American educator and politician Horace Mann (1796-1859), reformer of the Massachusetts common school system and active opponent of slavery while a member of Congress. The botanist-son visited the Hawaiian islands in 1864/65 with W. T. Brigham; became assistant to Asa Gray and instructor in botany at Harvard College; he died of "hasty consumption" (McCaughey 1919). His herbarium was purchased 1870 by Andrew D. White to become the basis of the present Wiegand Herbarium (CU). The Mann Library at Cornell University is named after Elbert R. Mann, former Dean of the School of Agriculture of Cornell.

EPONYMY: *Hesperomannia* A. Gray (1865).

5351. *Flora of the Hawaiian islands* [Proc. Essex Inst. 5-6, 1866-1871]. †.
Publ.: series of papers in Proc. Essex Inst. (remained incomplete: Ranunculac. – Araliac. p.p.): 5: 113-144. 30 Nov 1866; 5: 161-192. Sep 1867;5: 233-248. Jun 1868; 6: 105-112. Feb 1871. – Merrill (1937) mentions a reprint, p. 1-88, not seen by us; it carries no date but is presumably from 1871. The papers are to be cited from the journal.

5352. *Enumeration of Hawaiian plants* by Horace Mann. [From the Proceedings . . .] Issued, July, 1867. Cambridge (Welch, Bigelow, and Company (printers to the University)) 1867. Qu. (*Enum. Haw. pl.*).
Publ.: Jul 1867 (so dated; rd. by Society 1 Mai 1867 – 30 Apr 1868), p. [i], [143]-235. *Copies*: G, NY, USDA. – Preprinted with special t.p. and to be cited from Proc. Amer. Acad. Arts Sci. 7: 143-184. Jul 1867, 185-235. Jan-Mai 1868.

5353. *Catalogue of the phaenogamous plants of the United States*, east of the Mississipi, and of the vascular cryptogamous plants of North America, north of Mexico . . . Cambridge, Mass. (Horace Mann) [1868] Oct. (in fours). (*Cat. phaen. pl. U.S.*).
Ed. 1: Jul-Aug 1868 (p. [3]: 1 Jul 1868), p. [1]-56. *Copies*: G, MO, NY, US(2), USDA; IDC 7584.
Ed. 2: Jan-Apr 1872 (p. [4]: Feb 1872; TBC Mai 1872), p. [1]-54. *Copies*: G, MICH, MO(2) NY, US(3), USDA. – "Second edition, revised and corrected . . ." Cambridge, Mass. (B. P. Pickmann). Published by Benjamin Pickmann Mann (1848-1926).
Reissue ed. 2: 1882 (Nat. Nov. Jul(3) 1882; Bot. Zeit. 27 Oct 1882).

5354. *Four new genera of Hawaiian plants.* Notes on Hesperomannia. By William T. Brigham, and on Alsinidendron, Platydesma, and Brighamia, with an analysis of the Hawaiian flora. By Horace Mann . . . Boston (Printed at the Riverside Press, Cambridge) 1869. Qu.
Author first part: William Tuffts Brigham (1841-1926).
Publ.: Mar 1869 (p. 541), p. [i], 529-541, *pl. 20-23.* uncol. liths. *Copy*: G. – Reprinted with special t.p. from Mem. Boston Soc. nat. Hist. 1(4): 529-541. Mar 1869. To be cited from journal; Mann's contribution occupies p. 529-541.

Mann, Johann Gottlieb (*fl.* 1829) German botanist. (*J. G. Mann*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 443; BM 3: 1233; Langman p. 470; NI 1271-1273; Plesch p. 324-325; PR 5787-5788 (ed. 1: 6471-6472); Rehder 5: 542; Sotheby 498-499.

5355. *Deutschlands wildwachsende Arzney-Pflanzen* und deren gewöhnlichste Verwechslungen. Nach der Natur gezeichnet und herausgegeben von Johann Gottlieb Mann. Mit Linnés Bild. Stuttgart (Zu haben bei dem Herausgeber) 1828. Fol. (*Deutschl. Arzney-Pfl.*).
Publ.: 1823-1828, in 31 parts, p. [i-vi], *186 pl.* with text (USDA copy *188 pl.*; Plesch copy *186*; MO copy *184*), hand-col. liths. by author, frontisp. portr. Linné with text. *Copies*: MO, USDA – A copy with *186 pl.* (plus portr. Linné) was offered by Junk (Cat. 214, 1979, no. 343) at Hfl. 8.500).

5356. *Deutschlands gefährlichste Giftpflanzen*, mit erläuterndem Texte, worin ihre Wirkungsart und die wirksamsten Hülfsmittel bei Vergiftigungen angegeben sind, nebst einer leichtfasslichen Einleitung in die Pflanzenkunde ... Stuttgart (Fr. Brodhag'sche Buchhandlung) 1829. Fol. (*Deutschl. Giftpfl.*).
Publ.: 1829 (p. iii: Mai 1829), p. [i-iv], [1]-30, *pl. 1-24*, liths. by author, all (but *1-2*) handcol. *Copies*: NY, USDA. – The NY copy has the above imprint; the USDA copy has Stuttgart (bei M. A. Kornicker) 1829.

5357. *Die ausländischen Arzney-Pflanzen.* Gezeichnet und herausgegeben von Johann Gottlieb Mann. Stuttgart (Fr. Brodhag'sche Buchhandlung) 1830. Fol. (*Ausländ. Arzney-Pfl.*).
Publ.: 1830-1833, 22 Lief., 132 lvs., 132 liths. – See Plesch for a list of contents of the 22 Lieferungen, each of 6 lvs. and 6 coloured plates. This copy (sold at Sotheby for £ 1000.) is the only known one with so many plates. The USDA copy has 98 pl.

Mann, Robert James (1817-1886), British physician (MD St. Andrews 1854) and botanist at Norwich and Buxton; in Natal 1857-1864. (*R. Mann*).

HERBARIUM and TYPES: K.

BIBLIOGRAPHY and BIOGRAPHY: BB p. 205; BL 2: 259, 687; BM 3: 1234; CSP 4: 216, 8: 319, 10: 707, 708, 16: 1043; Desmond p. 684; DNB 36: 43-44; GR cat. p. 67; Jackson p. 44; Kew 3: 580; MW p. 298.
Anon., Leopoldina 22: 170. 1886 (d. 4 Aug 1886); Nature 34: 346. 1886 (obit.).
Kent, D. H., Brit. herb. 67. 1957.

COMPOSITE WORKS: edited Henry Brooks, *Natal*; a ... description of the colony, London 1876, viii, 336 p., *6 pl., 8 photos*, 2 maps, see BM 1: 257.

5358. *A descriptive catalogue of the Natal contribution* to the international exhibition of 1862. By Dr. Mann, ... London (Jarrold & Sons, ...) [1862]. (*Descr. cat. Natal contr.*).
Publ.: 1862, p. [1]-29. *Copy*: Advocates Library, National Library of Scotland (Inf. J. Edmondson).

Mann, Wenzeslaus [Wenzel] **Blasius** (1799-1839), Bohemian botanist and physician at Reichstadt (Leipa). (*W. Mann*).

HERBARIUM and TYPES: PRC; further material PR.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 443; (b. 9 Mar 1799, d. 7 Jun 1839) BM 3: 1234; GR p. 665; Hawksworth p. 184; IH 2: 499; Klásterský p. 124; LS 16788; Maiwald p. 280 [index]; PR 5789 (ed. 1: 6473); SBC p. 126 ("Mann").
Krempelhuber, A. v., Gesch. Lichenol. 1: 484. 1867.
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EPONYMY: *Mannia* Opiz (1829). *Note*: The derivation of *Mannia* Trevisan (1857) could not be established.

5359. *Lichenum in Bohemia observatorum dispositio* succinctaque descriptio ... Pragae [Praha] (Typis Sommerianis) 1825. Oct. (*Lich. Bohemia*).
Publ.: Aug 1825 (p. ii), p. [i-ii], [1]-110. *Copies*: FH, G, L (thesis issue). – Pages [i-ii] have the "dedication title" for the book used as dissertation. The above title is the one appearing on the regular title-page p. [1].

Manoury, Charles Ambroise (*fl.* 1869), French algologist. (*Manoury*).

HERBARIUM and TYPES: Unknown. Issued *Algues de France* (nos. 1-1500) with Jean Antoine Mougeot, q.v.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 444; BM 3: 1234; De Toni 1: lxxxi, 2: lxxviii; IH 2: 564 (sub Mougeot); Nordstedt p. 22.
Uhlworm, O., Bot. Centralbl. 15: 159. 1883 (announcement Mougeot, Manoury, Roumeguère, "Les algues fluviatiles et terrestres de France.").

COMPOSITE WORKS: Contributed to H. E. Baillon, Dict. bot., vols. 2, 3, 4, see TL-2/253.

5360. *Étude sur les diatomacées* . . . Paris (Chez Savy, libraire, . . .) 1870. Qu. (*Étud. diatom.*).
Publ.: 1870 (p. [iii]: 5 Mar 1870; BSbF rd. before 22 Jul 1870), p. [i-iii], [1]-66, *pl. 1-2*. *Copy*: B. – Mém. Soc. Linn. Normandie 15(3). 1869.

Mansel-Pleydell, John Clavell [né Mansel] (1817-1902), British soldier, "country gentleman," and naturalist in Dorsetshire; B.A. Cantabr. 1839. (*Mansel*).

HERBARIUM and TYPES: DOR; other material at BM, K and MANCH.

BIBLIOGRAPHY and BIOGRAPHY: : Barnhart 2: 444 (b. 2 Mai 1902) BL 2: 237, 238, 687; BM 3: 1234; Bossert p. 252; CSP 8: 320-321, 12: 481, 16: 1046; Desmond p. 418; DNB suppl. 2(2): 562-563; IH 2: 500, Jackson p. 251; Kew 3: 581; Morren ed. 10, p. 74; Quenstedt p. 277; Rehder 5: 542; Tucker 1: 458.
Anon., Bot. Not. 1903: 34 (b. 4 Dec 1817, d. 3 Mai 1902); Geol. Magaz. 457: 335. 1902; Hist. coll. BM(NH) 1: 309; J. Bot. 40: 240. 1902; Proc. Linn. Soc. 114: 39-40. 1902.
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Stuart-Gray, M. G., Proc. Dorset nat. Hist. arch. Soc. 23: lxii-lxxii. 1902 (obit.; founder of the Dorset natural History and antiquarian Field Club; personal recollections).
Watson, H. C., Topogr. bot. ed. 2. 553. 1883.

5361. *Flora of Dorsetshire*, or a catalogue of plants found in the County of Dorset. With sketches of its geology and physical geography . . . London (Whittaker & Co., . . .) Blandford (W. Shipp) 1874. Oct. (*Fl. Dorsetshire*).
Ed. 1: Apr-Mai 1874 (p. ii: 28 Feb 1874; J. Bot. Jun 1874), p. [i*-iii*], map, [i-ii], [1]-320. *Copies*: G, MO, NY, USDA.
Ed. 2: Jan-Feb 1895 (J. Bot. Feb 1895), map, p. [i*-iv*], [i]-xxxviii, map, [1]-345, [i]-xxv. *Copies*: NY, USDA.– "Second edition. . . " Dorchester ("Dorset County Chronicle" Printing Works . . .) 1895.
Ref.: Trimen, H., J. Bot. 12: 219-222. 1874. A.B., J. Bot. 33: 121-123. 1895.

Mansfeld, Rudolf (1901-1960), German botanist; student of A. Engler; Dr. phil. Berlin 1924; from 1926-1943 at Berlin-Dahlem; in war service 1943-1946; from 1946-1960 at the Institut für Kulturpflanzenforschung Gatersleben, DDR. (*Mansf.*).

HERBARIUM and TYPES: B, and probably GAT.

BIBLIOGRAPHY and BIOGRAPHY: : Backer p. 353; Barnhart 2: 444 (b. 17 Jan 1901, d. 30 Nov 1960); BFM 11, 2295, 2340-2343; BJI 2: 111; Hirsch p. 188; Hortus 3: 1199 ("Mansf."); Kew 3: 581; Langman p. 471; LS suppl. 17265-17266; MW p. 298, suppl. p. 217; Plesch p. 325; Roon p. 73; RS p. 116; Zander ed. 10, p. 688, ed. 11, p. 785; Zep-Tim p. 80.
Alexander, K., Die Orchidee 12: 22. 1961.
Anon., Leopoldina ser. 3. 6/7: 57. 1963.

Danert, S., Die Kulturpflanze, Beih. 3: 13-25. 1962 (bibl.; on scientific work); Feddes Rep. 65: 133-138. 1962 (portr.).
Eckhardt, T., Willdenowia 4(2): 173. 1966.
Janchen, E., Cat. fl. austr. 1: 2, 3, 883, 967. 1960.
Mansfeld, R., Verh. Bot. Ver. Brandenb. 82: 3-82. 1942 (ideas on nomenclature: "Werden und Wesen der wissenschaftlichen Pflanzenbenennung ...); Kulturpflanze Beih. 3: 26-46. 1962 (über "alte" und "neue" Systematik der Pflanzen).
Pilger, R., Mitt. Bot. Gart. Mus. Berlin-Dahlem 1(1): 15. 1953.
Stafleu, F. A., Taxon 10: 29. 1961, 12: 240. 1963.
Stubbe, H., Die Kulturpflanze, Beih. 3: 7-11. 1962 (portr.; d. 30 Nov 1960).

COMPOSITE WORKS: : See under R. Schlechter for several joint publications on orchids.

NOTE: : (1) Mansfeld's probably most significant publication was published after our closing date: *Vorläufiges Verzeichniss landwirtschaftlich oder gärtnerisch kultivierter Pflanzenarten* (mit Ausschluss von Zierpflanzen), die Kulturpflanze, Beiheft 2, Berlin (Akademie-Verlag) 1959, v, 659 p.; facsimile reproduction (printing errors corrected) Berlin (id.) 1962. For an extensive review see e.g. Buchheim, G., Bot. Jahrb. 80(3)(Lit.) 27-29. 1961.
(2)Mansfeld prepared a new edition of Garcke, *Fl. N. Mitt.-Deutschland* (TL-2/1949) of which the manuscript was destroyed in the night of 1/2 March 1943 by war action on Berlin-Dahlem.
(3) *Thesis*: Vorarb. Monogr. Ligustrum, Bot. Jahrb. 69 (Beibl. 132): 19-75. 1924.

5362. *Verzeichnis der Farn- und Blütenpflanzen des Deutschen Reiches* ... Jena (Verlag von Gustav Fischer) 1940. Oct. (*Verz. Pfl. Deut. Reich.*).
Publ.; Mai 1941 (although dated 1940; p. 5: Dec 1940; see Österr. bot. Z. 90: 226-228; date confirmed by Tiegs, then treasurer of the Deut. bot. Ges. to G. Wagenitz, in litt. to FAS 2 Oct 1974), p. [2]-323. *Copies*: G, MO. – Ber. deut. bot. Ges. 58a.
Facsimile repr.: announced by Koeltz (1978).

Mansion, Arthur (1863-1905), Belgian bryologist; Dr. sci. Liège; high school teacher at Huy and, from 1902, at Namur. (*Mansion*).

HERBARIUM and TYPES: BR.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 444 (b. 11 Oct 1863); BM 3: 1234; CSP 16: 1047; GR p. 697; IH 2: 500; Nordstedt p. 11; SBC p. 126 ("Mans.").
Anon., Bot. Not. 1906: 45 (d.); Österr. bot. Z. 56(Lit.): 79. 1906 (d. 10 Dec 1905); Rev. bryol. 21: 79, 95. 1894, 24: 16, 1897, 26: 53. 1899, 27: 64. 1900, 31: 18. 1902, 32: 1905, 33: 47. 1906.
Chalon, J., Bull. Soc. Bot. Belg. 43: 97-98. 1906.
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Marchal, E., Bull. Soc. Bot. Belg. 43: 376-379. 1906 (obit., b. "1863").
Sayre, G., Bryologist 80: 513. 1977.

5363. *Les muscinées de Huy & des environs* ... Extrait du Bulletin no. 1 du Cercle des Naturalistes hutois, année 1894[-1896]. (*Musc. Huy*).
Co-author: Paul Clerbois.
Première partie: *Mousses*: 1894 (p. 27: 1 Dec 1893; Rev. bryol. Oct 1894), p. [1]-104, ex Bull. no. 1 1894.
Deuxième partie: *Hépatiques*: 1896 (on cover) p. [105]-119. Huy (Imprimerie et lithographie A. Colin-Houbeau, ...) 1896. Oct. Apparently not published in the Bulletin.
Troisième partie: *Sphaignes*: 1895 (Rev. Bryol. Jan 1897), p. [121]-132, ex Bull. no. 4, 1895.
Copies: BR, G.

5364. *Flore des hépatiques de Belgique* ... Gand [Gent] (Librairie générale de Ad. Hoste,...) 1905-1908, 2 parts. Oct.
Fasc. 1: 1905 (t.p. reprint; Nat. Nov. Nov(2) 1905; NY rd. Nov 1905), p. [1]-71 (half page print). Reprinted and to be cited from Bull. Soc. Bot. Belg. 42(1): [44]-112. 1904, publ. 1905.

Fasc. 2: 1908 (Nat. Nov. Nov(1) 1908), p. 71-125 (p. 71 with remaining type of fasc. 1), Bull. Soc. Bot. Belg. 45(1): [29]-83. 1908.
Copies reprints: BR, H, NY, U-V.

Manso, Antonio Luiz Patricio da Silva, (1788-1848), Brazilian botanist, politician and physician; from 1823 practicing medicine in Cuiabá, Matto Grosso; representative of Matto Grosso in the Brazilian parliament 1834-1837; later living in his native town Campinas.

HERBARIUM and TYPES: Material at BR, R and W.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 656; Barnhart 3: 278; BM 3: 1234; Hortus 3: 1199 ("Manso"); IH 2: 500; Kew 3: 582; Lasègue p. 338; PR 5791, 9659 (ed. 1: 8687); Rehder 5: 542; RS p. 142; Urban-Berlin p. 398.
Beck, G., Bot. Centralbl. 34: 149. 1888; *in* K. Fritsch et al., Bot. Anst. Wiens 74. 1894 (pl. W).
Magelhães, B. de, Arch. Mus. nac. Rio de Janeiro 22: 77-96. 1919 (biogr., orig. documentation, secondary refs., d. 17 Jan 1848).
Urban, I., Fl. bras. 1(1): 112. 1906 (itin.).

EPONYMY: *Mansoa* A. P.de Candolle (1838); *Paramansoa* Baillon (1888).

5365. *Enumeração das substancias brazileiras,* que podem promover a catarze, memoria coroada pela Imperial Academia de Medecina do Rio de Janeiro em o anno de 1836 . . . Rio de Janeiro (na Typographia nacional) 1836. Oct. (in fours). (*Enum. subst. braz.*).
Publ.: 1836, p. [1]-51, [52]. *Copy*: BR.

Mantell, Gideon Algernon (1790-1852), British palaeontologist and surgeon at Lewes and London. (Mantell).

HERBARIUM and TYPES: Fossil material at BM.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 299; Barnhart 2: 445 (b. 3 Feb 1790, d. 11 Nov 1852); BB p. 341; BM 3: 1235, 7: 792-793; CSP 4: 219-220; DNB 36: 99; Desmond p. 418; Jackson p. 577; ME 2: 332, 335; Nordstedt p. 22; PR ed. 1: 6477-6479; Quenstedt p. 277-278.
Anon., Bot. Zeit. 11: 600. 1853; Proc. Linn. Soc. 2: 235-237. 1853; Quart. J. geol. Soc. London 9: xxii-xxv. 1853.
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Woodward, B. B. *in* G. Murray, Hist. coll. BM(NH) 1: 42. 1904 (drawings of fossils).
Zittel, K. A. von, Hist. geol. palaeontol. 552 [index]. 1901.

EPONYMY: *Mantellia* A. T. Brongniart ex Bronn (1837).

5366. *Illustrations of the geology of Sussex*: containing a general view of the geological relations of the South-eastern part of England; with figures and descriptions of the fossils of Tilgate forest . . . London (Lupton Relfe, . . .) 1827. Qu. (*Ill. geol. Sussex*).
Publ.: 1827 (ded. Dec 1826), frontisp., [i]-xii, [1]-92, *20 pl.* (uncol.). *Copy*: Teyler.

5367. *The medals of creation*; or first lesson in geology, and in the study of organic remains . . . London (Henry G. Bohn) 1844, 2 vols. (*Medals creat.*).
1: 1844, p. [i*], [i]-xxvii, [1]-207, [part 2:] [209]-456.
2: 1844, front., [iii]-vii, [457]-1016.
Copy: Delft, library Techn. Hogeschool.

5368. *A pictorial atlas of fossil remains,* consisting of coloured illustrations selected from

Parkinson's "Organic remains of a former world", and Artis's "Antediluvian Phytology." With descriptions by Gideon Algernon Mantell; ... London (H. G. Bohn, ...) 1850. Qu. (*Pict. atlas foss. remains*).
Publ.: 1850 (p. v: Aug 1850), frontisp., p. [i]-xii, [13]-207, *pl. 1-74* (col.). *Copy*: NY.

Mappus, Marcus, fil. (1666-1736), Alsatian botanist at Strasbourg; Dr. med. Strasbourg 1694; son of the botanist Marc (Marcus) Mappus (1632-1701). (*Mappus*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 314; Barnhart 2: 445 (err. d. 2 Mar 1738); BM 3: 1236 (p.p.); Dryander 3: 144; Herder p. 156, 174; Jackson p. 303, NI 1724; PR 5794 (err. listed under his father's name) (ed. 1: 6489); Rehder 1: 43, 5: 540 (p.p.); Tucker 1: 459 (p.p.).
Heine, H. H., J. Soc. Bibl. Nat. Hist. 4(2): 147-150. 1963 (main study).
Kirschleger, F., Fl. Alsace 2: xxxiii-xxxv. 1857 (err. d. 2 Mai 1738), for Marc Mappus father, see p. xxxii.
Villars, D., Cat. méth. pl. École méd. Strasbourg xiii. 1807 (d. 1636).

EPONYMY: *Mappia* N. J. Jacquin (1797), nom. cons. The eponymy of *Mappia* Heister ex Adanson (1763) and *Mappia* Schreber (1791) may commemorate either Marc Mappus (1632-1701), or his son (our author) (1666-1736) or both. *Mappa* A. H. L. Jussieu (1824) is based on the epithet of *Ricinus Mappa* L. – See Heine (1963) for further details.

5369. Marci Mappi, Med. D. *Historia plantarum alsaticarum* posthuma opera et studio Johannis Christiani Ehrmanni, ... Argentorati [Strasbourg] (sumtibus Johannis Danielis Dulseckeri), Amstelodami [Amsterdam] (apud Petrum Mortier ...) 1742. Qu. (*Hist. pl. alsat.*).
Editor: Johann Christian Ehrmann (1710-1797).
Publ.: 1742, p. [i-vi], 1-335, *7 pl.*, [1-28, 1-4]. *Copy*: FI.

Maratti, Giovanni Francesco (1723-1777), Italian clergyman and botanist at Rome university. (*Maratti*).

HERBARIUM and TYPES: RO.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 353 ("Gaetano"); Barnhart 2: 445; BL 2: 358, 687; BM 2: 895 (sub Huperz), 3: 1236; De Toni 1: lxxxi; Dryander 2: 340, 3: 235, 440 5: 89; Frank 3(Anh.): 62; GR p. 533; Herder p. 464; Hortus 3: 1199 ("Maratti"); HU 627; IH 2: 501; Jackson p. 321; Kew 3: 584; LS 16797; PR 5797-5799 (ed. 1: 6494-6496); Rehder 5: 543; RS p. 117; Saccardo 1: 102, 2: 67; Tucker 1: 459; Zander ed. 10, p. 688, ed. 11, p. 785.
Dandy, J. E., Regn. veg. 51: 16, passim. 1967 (generic names).
Donk, M. A., Persoonia 8(3): 277-282. 1975 (generic names of fungi in *Fl. romana* validly published).
Fries, Th.M., Bref Skrifv. Linné 1(3): 55, 244.
Gager, C.S., Brooklyn Bot. Gard. Rec. 27(3): 287. 1938.
Saccardo, P.A., Di un operetta sulla flora della Corsica di autore pseudonimo e plagiario. Venezia 1908 (Atti r. Ist. Veneta Sci. 57(2): 717-721. 1908).
Swartz, O., Prodr. 8, 127. Jul 1788 (epon.).

NOTE: Saccardo (1908) provides evidence that the publication *Storia naturale dell' Mola di Corsica* ... Firenze (Appresso Allegrini, Pisoni, e Compagni ...) 1774, viii, 84 p. (n.v.) was a plagiarism. The pseudonymous author Strateano Gresalvi (anagram of Salvatore Ginestra) later stated that the book was written by Maratti; actually the text was taken from prelinnaean publications on Corsica by Paolo Boccone and Luigi Amando Jaussin.

EPONYMY: *Marattia* O. Swartz (1788) and *Protomarattia* Hayata (1919) probably commemorate him. The following genera of fossil plants are related to *Marattia*: *Marattiopsis* W.P.Schimper (1870); *Marattiotheca* W.P.Schimper (1879); *Marattisporites* R. A. Couper (1958); *Marattites* Marion & Laurent (1898).

5370. *Descriptio de vera florum existentia* vegetatione et forma in plantis dorsiferis, sive epiphyllorspermis, vulgò capillaribus ... Romae (Apud Fratres Salvioni Typographos Vaticanos, & Archilicei Romani) 1760. Oct. (*Descr. fl. exist.*).
Publ.: 1760, p. [i]-xxi, *1 pl.* (uncol. copp.). *Copies*: MO, NY.
Other editions: See BM 3: 1236.

5371. *Dilucidazione fitologica* di quelle piante specialmente italiche, delle quali è necessaria la cognizione agli studenti di farmacia: colle spiegazioni etimologiche intorno ai nomi delle piante, e di molti termini botanici. Distesa dal P. F. Giuseppe di Massa ducale de' min. oss. di S. Francesco prefetto della spezieria d'Araceli e dal medesimo dedicata al Rmo P. Abb. D. Gio. Francesco Maratti ... in Roma (per Generoso Salomoni ...) 1763. Oct. (*Diluc. fitol.*).
Author: "Giuseppe di Massa Ducale" about whom nothing is known to us. The book was dedicated to Maratti under whose name we treat it in the absence of information on the author himself. Massa Ducale is the name of an Italian village.
Publ.: 1763, p. [1]-112. *Copy*: FI.

5372. *Plantarum Romuleae, et Saturniae* in agro romano existentium specificas notas describit inventor D. Jo. Franciscus Maratti ... Romae (typis Archangeli Casaletti ...) 1772. Oct. (in twelves). (*Pl. Romul. Saturn.*).
Publ.: 1772, p. [1]-22, [1, imp.], *2 pl.* (uncol. copp. Ghigi). *Copies*: FI, HU, WU. – See HU 627 for bibl. details.

5373. Joannis Francisci Maratti ... *De plantis zoophytis et lithophytis* in Mari mediterraneo viventibus. Romae (typos Archangeli Casaletti ...) 1776. Oct. (*Pl. zooph. lithophyt.*).
Publ.: 1776, p. [i]-xv, 1-62. *Copy*: FI. – See A. Neviani, Boll. Soc. zool ital. ser. 2. 8: 102-118. 1908. Neviani saw a copy in RO and gives an analysis of the taxa described.

5374. *Flora romana* ... Romae (Typis Joseph Salviucci 1822, 2 vols. Oct. (*Fl. rom.*).
1: 1822, p. [i]-xxxii, 1-415.
2: 1822 p. [1]-543, [544].
Copies: FI, MO, NY, USDA; IDC 914. – See Donk (1975) for the status (validly published) of the generic names of fungi in this work. See also Lusina (1958) and Pirotta & Chiovenda, *Fl. romana* 1900-1901.
Facsimile repr.: announced by Koeltz (1973).
Ref.: Lusina, G., Annali Bot. 25: 158. 1958.

Marc, Francçois [Frère Marc des Clercs du Saint Viateur] (1862-1912), French clergyman, lichenologist and bryologist. (*Marc*).

HERBARIUM and TYPES: Unknown; some lichens at L.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 446; CSP 17: 1; GR p. 337; IH 2: 501; Rehder 5: 543-544.
Flahault, C., Bull. Soc. Ét. Sci. nat. Nîmes 40: 115. 1917.

EPONYMY: *Marcania* Imlay (1939) commemorates A. Marcan (fl. 1920-1933), who collected in Indochina and Thailand.

Marcailhou d'Aymeric, Alexandre Lucien Marie (1839-1897), French clergyman (ordin. 1865) and botanist; vicar at Foix, 1865-1869, and Miglos, 1869-1872; from 1871 "aumônier du couvent des Dominicaines" at Ax-les-Thermes. (*Marcailhou*).

HERBARIUM and TYPES: Unknown. Some material at A.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 446; (b. 16 Aug 1839, d. 7 Aug 1897) BL 2: 29, 122, 687; Bossert p. 252; CSP 17: 1-2; GR p. 338; IH 2: 501; Kew 3: 584; Rehder 5: 544; Tucker 1: 459.
Anon., Bot. Centralbl. 111: 656. 1909 (d.); Monde des Pl. 7: 46-48. 1897 (bibl.).
Gillot, F. X., *in* Marcailhou et Marcailhou, Catalogue raisonné des plantes ... du bassin de

la Haute Ariège, [i]-vii, 144-146. 1898 (bibl.); Bull. Soc. hist. nat. Autun 11: 241-247. 1898.

5375. *Catalogue raisonné des plantes* phanérogames et cryptogames indigènes du bassin *de la Haute Ariège* – canton d'Ax-les-Thermes (Ariège), etc. Autun (vol. 1: fasc. 1-4), Le Mans (vol. 2: fasc. 1-2; Imprimerie de l'Institut de Bibliographie de Paris) 1898-1905, 2 vols. Oct. (*Cat. pl. Haute Ariège*).

Co-author: Hippolyte Marcailhou-d'Aymeric (1855-1909), pharmacist and botanist at Ax-les-Thermes, brother of Alexandre M. d'A. (GR p. 338).

Vol. 1: fasc. 1-4, 1898-1900, reprinted from the Bull. Soc. Hist. Nat. Autun. *Copy reprint*: G.

Fasc. 1:1898 (p. 130: 28 Jul 1897), p. [i*], [i]-vii, [1]-130, [1, err.], map. Bull. 11: 241-376. 1898.

Fasc. 2: 1899, p. [i], [131]-257. Bull. 13: 1-126. 1899.

Fasc. 3: 1900, p. [i], [259]-380. Bull. 14: 1-122. 1900.

Fasc. 4: 1901 (sent by author to Burnat Jun 1903), p. [i], [381]-550. Bull. 15: 249-414. 1901.

Vol. 2: Le Mans (as above), 1904-1905, 2 fasc. *Copy*: G. – Reprinted from Bull. Acad. Int. Geogr. Bot.

Fasc. 1: 1904, p. [i, iii], [1]-144, reprinted from Bull. 12: 522-536. 1903, 13: 89-104, 121-136, 185-216, 289-230, 385-400. 1904, 15: 137-156. 1905.

Fasc. 2: 1906 (t.p. 1905; rd. G 22 Mar 1906), p. [i, iii], [1],-164, reprinted from Bull. 15: suppl. p. 1-80. 1905, 16: suppl. *pl. 81-164*. 1906.

Continuation, not in reprint volumes, Bull. Acad. Int. Geogr. Bot. 18: 1-192. 1908.

Vol. 3: (not seen as reprint but see BL 2: 122): Mém. Acad. int. Géogr. Bot. 1[151, 82 p.], 1911-1912 (second part also in vol. 22 of Bull. Acad. Int. Géogr. Bot.).

Marcgrave, Georg [Marggraf, Marcgraf, Marcgravius] (1610-1644), German engineer and geographer with Maurits van Nassau in Brazil. (*Marcgr.*).

HERBARIUM and TYPES: C; ten specimens at OXF. For the fate of M's drawings see D. J. P. Whitehead (1976, 1979); see Andrade-Lima et al. (1977) for the identification of M's herbarium specimens and for the status of the Sloane mss. add. 1554 by Laet.

NAME: Hantzsch (see below, p. 201) "Im Kirchenbuche von Liebstadt findet sich in dem Abschnitt "Teufflinge Anno 1610" folgender Eintrag: "Georgius, Georgii Marggravij tum temporis Schulmeisters alhier, Söhnlein, ward auf diese Welt geboren 20 septemb ..." From this entry the correct family name should be Marggraf.

BIBLIOGRAPHY and BIOGRAPHY: ADB 20: 295-296; Barnhart 2: 447; BM 3: 1237; Dryander 1: 257, 2: 34; DSB 9: 122-123; Frank 3 (Anh.): 62; Hegi 7: 559; Herder p. 464; IH 2: 501; JW 5: 246; Kew 3: 585; Langman p. 471; Lasègue p. 474, 505; Lenley p. 280; Moebius p. 367; NBG 33: 548; NI (alph.); PR (alph.); Rehder 5: 544; Tucker 1: 459.

Andrade-Lima, D. de et al., Bot. Tidsskr. 71: 121-160. 1977 (identification of M's herb. specimens at C and OXF).
Anon., Bonplandia 1: 134. 1853 (one volume of herb. specimens at C).
Coats, A. M., The plant hunters 353. 1969.
Darmstaedter, L., Velhagen & Klasings Monatshefte 42: 649-654. 1928.
Ewan, J. & N., John Banister 13, 31, 101, 105, 183, 227, 363. 1970.
Fries, T. M., Bref Skrifv. Linné 1(5): 67. 1911.
Gudger, E. W., Pop. Sci. Monthly 81: 250-274. 1912, Zool. Ann., Würzburg 6(1): 1-31. 1914, Science ser. 2. 40: 507-509. 1914.
Hantzsch, V., Verh. kön. Sächs. Ges. Wiss. Leipzig, phil.-hist. Kl. 48: 199-227. 1896 (extensieve study); Ber. Verh. Sächs. Ges. Wiss. Leipzig 2-3: 199-227. 1897.
Hulth, J. M., Bref Skrifv. Linné 2(1): 34. 1916.
Jessen, K. F. W., Bot. Gegenw. Vorz. 239. 1884.
Jourdan, A. J. L., Dic. Sci. méd., Biogr. méd. 6: 193-194. 1824.
Lichtenstein, Abh. kön. Preuss. Akad. Wiss. physik. Kl. 1814/5: 201-222. 1818, 1817: 155-178. 1819, 1820/2: 237-254, 267-288. 1822, 1826: 49-65. 1829 (interpr. orig. drawings).
Macbryde, B., Taxon 19: 349-350. 1970.
Martius, C. F. P. v., Versuch eines Commentars über die Pflanzen in den Werken von

Marcgrave und Piso über Brasilien. München 1853 (see no. 5546); Abh. math.-phys. Cl. k. Bayer. Akad. Wiss. 7(1): 179-238. 1853 (commentary on cryptogams); Engl. transl. by Wallich, *in* W. J. Hooker, J. Bot. Kew Gard. Misc. 5: 161-168, 200-207, 271-276. 1853.
Merrill, E. D., Chron. bot. 14(5/6): 228, 322, 334. 1954.
Moreira, J., Revista Museo Paulista 14: 649-673. 1926.
Pickel, B. J., Revista Fl. med. 16(6): 211-280. 1949 (see also under Piso).
Poiret, J. L. M., *in* Lamarck, J. B., Encycl. méth., Bot. 748. 1808.
Urban, I., Fl. bras. 1(1): 53-56. 1906 (biogr. itin., bibl.).
Wallich, N., Bonplandia 1(14): 134. 1853 (herb. at C), *apud* C. F. P. v. Martius, *in* Hooker, W. J., J. Bot. Kew Gard. Misc. 5: 167-168. 1853.
Whitehead, D. J. P., J. Soc. Bibl. nat. Hist. 7: 409-422. 1976 (drawings), Newsletter Soc. Bibl. nat. Hist. 1: 6-7. 1979, 4: 4-5. 1979. (Marcgrave drawings from former Royal Library are at the Jagiellon Library, Krakow), also Taxon 28: 552. 1979; J. Soc. Bibl. nat. Hist. 9(3): 301-314. 1979 (biogr., further refs.).
Zaunick, R., Zool. Ann., Würzburg 7(2): 193-195. 1919 (repr. p. 1-3).

COMPOSITE WORKS: See under G. Piso.

EPONYMY: *Marcgravia* Linnaeus (1753).

Marchal, Élie (1839-1923), Belgian botanist; middle school teacher at Virton, Ath and Visé, and Maeseyck, 1861-1871; at the Jardin botanique de Bruxelles 1871-1879; from 1872-1899 in addition lecturer at various horticultural and teacher's colleges; retired at Gembloux from 1899 to co-operate with his son Émile. (*Él. Marchal*).

HERBARIUM and TYPES: BR. Issued: *Cryptogames de Belgique* (1882).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 446; BL 2: 41, 688; BM 3: 1237, 7: 793; Bossert p. 253; CSP 10: 715, 12: 483, 17: 3; GR p. 338, 697; Hawksworth p. 184; Herder p. 224, 319, 431; Hortus 3: 1199 ("Marchal"); IH 2: 505; Jackson p. 358, 372; Kelly p. 142; Kew 3: 585; Langman p. 471; LS 16811-16856, 36582-36591, suppl. 17282-17295; Moebius p. 120; MW p. 299; Morren ed. 2, p. 43, ed. 10, p. 15; NAF 28B(2): 344; Rehder 5: 544; Saccardo 1: 102; SBC p. 126 ("March."); Stevenson p. 1250; TL-2/1: 1592; Tucker 1: 459; Urban-Berl. p. 279; Zander ed. 10, p. 688, ed. 11, p. 785.
Anon., Hedwigia 65(Beibl.): 95. 1925 (d.); Rev. bryol. 2: 13, 14. 1875, 33: 86. 1906, 34: 125. 1907, 40: 31, 32. 1913, 41: 15. 1914.
De Wildeman, É., Bull. Jard. bot. Bruxelles 9: 1-20. 1923 (portr., biogr., bibl., b. 1 Mar 1839, d. 19 Feb 1923); Bull. Soc. Bot. Belg. 56(1): 1-24. 1923 (portr., bibl.) (reprints repaginated 1-24).
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Georlette, R., Quelques botanistes belges 19-26. 1949 (portr.).
Marchal, É., Bull. Soc. bot. France 20: xli-xlv. 1873 (on Belgian bryology).
Nelson, E. C., Glasra 4: 54. 1980 (coll. DBN).
Sayre, G., Bryologist 80: 513. 1977.
Urban, I., Fl. bras. 1(1): 184. 1906.

COMPOSITE WORKS: (1) Martius, *Flora brasiliensis*: *Hederaceae* in 11(1): 229-258, *pl. 66-71*. (fasc. 75). 1 Feb 1878.
(2) Durand et Pittier, *Primitiae florae costaricensis*. *Araliaceae* in 1(1), 1891.
(3) Warming, E., *Symb. fl. bras.*, *Araliaceae*, 32: 32-33. 8 Mai 1890.

EPONYMY: *Marchalia* P. A. Saccardo (1889); *Marchaliella* Winter ex E. Bommer & M. Rousseau (1891).

5376. *Révision des Hédéracées américaines*. Description de dix-huit espèces nouvelles et d'un genre inédit, ... Bruxelles (F. Hayez, ...) 1879. Oct. (Rév. Hédérac. amér.).
Publ.: Jan-Mar 1879 (Soc. bot. Fr. rd 18 Apr 1879; J. Bot. Mai 1879; Nat. Nov. Jun(1) 1879; Flora rd. 1-11 Mai 1879), p. [1]-29. *Copies*: FI, G; IDC 7586. – Reprinted from Bull. Acad. r. Belgique ser. 2. 47(1): 70-96, 514. 1879.

5377. *Notice sur les Hédéracées* récoltés par Ed. André, dans la Nouvelle Grenade, l'Équateur et le Pérou, ... Bruxelles (F. Hayez, ...) 1880. Oct. (Not. Hédérac.).
Publ.: 1880, p. [1]-10. *Copies*: FI, KNAW. – Reprinted from C. R. Congr. bot. hort. 1880(2): 65-72; also in Bull. Soc. bot. Belg. 19: 85-93. 1880.

Marchal, Émile Jules Joseph (1871-1954), Belgian botanist, working in various capacities at the Institut agronomique de la Station de Phytopathologie de l'État at Gembloux; son of Él. Marchal. (*Ém. Marchal*).

HERBARIUM and TYPES: B, BR, LG.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 444; BM 7: 793; IH 2: 501; Moebius p. 120; Rehder 5: 544; SBC p. 126 (March. f.): Stevenson p. 1250.
Anon., Bull. Inst. agron. Gembloux 22: 291. 1954.
Sayre, G., Bryologist 80: 513. 1977.

Marchand, Nestor Léon (1833-1911), French pharmacist and botanist; Dr. med. Paris 1861; at the Faculté de Médecine 1861-1869; Dr. Sci. Caen 1867; at the École supérieure de Pharmacie, Paris, 1869-1897; staunch and late defender of the theory of spontaneous generation. (*Marchand*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 266, 322; Barnhart 2: 446; BM 3: 1237; CSP 4: 229, 17: 6; De Toni 1: lxxxi; GR p. 338, cat. p. 67; Hortus 3: 1199 ("Marchand"); Jackson p. 577; Kelly p. 142-143; Kew 3: 585; Langman p. 471; LS 16861-16867; Morren ed. 2, p. 21, ed. 10, p. 56; MW p. 299; PR 5805-5810; Rehder 5: 544; SO add. 863ae; Tucker 1: 459.
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Wittrock, V. B., Acta Horti Berg. 3(3): 107. 1905 (b. 13 Apr 1833).

COMPOSITE WORKS: Warming, E., *Symb. fl. bras., Anacardiaceae,* 15: 57-64. 10 Apr 1874, *Burseraceae* 15: 54-57. 10 Apr 1874.

5378. *Recherches organographiques et organogéniques sur le Coffea arabica* L. ... Paris (J. B. Baillière et fils ...) 1864. Oct. (*Rech. Coffea arabica*).
Publ.: 1864, p. [1]-48, *4 pl. Copy*: FI.

5379. *Des classifications et des méthodes en botanique* ... Angers (Imprimerie P. Lachèse, Belleuvre et Dolbeau ...) 1867. Oct. (*Classif. méth. bot.*).
Publ.: 1867, p. [i-iii], [1]-107. *Copies*: FI, G, MO, NY. – Reprinted from Ann. Soc. Linn. Dépt. Maine-et-Loire 9-10. 1867-1868.

5380. Thèses pour le doctorat ès sciences présentées et soutenues devant la faculté des sciences de Caen le décembre 1867 par N. Leon Marchand. 1er thèse. – *De l'organisation des Burséracées.* 2e thèse. – Propositions ... Paris (Imprimerie de E. Martinet ...) 1867. No. 2. Qu. (*Organis. Bursérac.*).
Publ.: Dec 1867, p. [1]-60, *pl. 1-6* (liths. by A. Faguet, nos. 1-3 col.). *Copies*: L, NY.
Trade Issue: Early 1868 (t.p. 1868), p. [i], [1]-56, *pl. 1-6* (id.). *Copies*: FI, USDA. – "*Recherches sur l'organisation des Burséracées* ... Paris (J. -B. Baillière et fils ...) 1868. Oct.

5381. *Révision du groupe des Anacardiacées* ... Paris (J.-B. Baillière et fils ...), Londres (Baillière brothers ...), Madrid (C. Bailly-Baillière ...), New York (Hippolyte Baillière ...), Leipzig (E. Jung-Meuttel, ...) 1869. Oct. (*Rév. Anacardiac.*).
Orig. ed.: Jan-Jun 1869 (Bot. Zeit. 9 Jul 1869; Flora 10 Sep 1869; BSbF 16 Aug 1869), p. [1]-198, *pl. 1-3* (by A. Faguet, no. 3 partly col.). *Copies*: G, MO, NY, USDA.
Other ed.: see below *Térébinthacées.*

5382. *Histoire de l'ancien groupe des Térébinthacées* ... Paris (Imprimerie de E. Martinet ...) 1869. Oct. (*Hist. Térébinth.*).
Publ.: 1869 (BSbF 16 Aug 1869; Flora "neu" 10 Sep 1869), p. [1]-51, charts 1-5. *Copies*: G, MO, NY, USDA.

5383. École supérieure de Pharmacie concours de l'aggrégation de 1869. *Des Térébinthacées* et de ceux de leurs produits qui sont utilisés en pharmacie ... Paris (Imprimerie générale de Ch. Lahure ...) 1869. Qu. (*Térébinthacées*).
Publ.: 1869, p. [1]-200, *pl. 1-3* (by A. Faguet, no. 3 partly col.). *Copies*: G, MO.

5384. *Énumération des substances* fournies à la médecine et à la pharmacie par l'ancien groupe *des Térébinthacées* ... Paris (Imprimerie générale de Ch. Lahure ...) 1869. Oct. (*Énum. subst. Térébinth.*).
Publ.: 1869 (Flora "neu" 10 Sep 1869), p. [1]-104. *Copy*: USDA.

5385. *Des herborisations cryptogamiques* ... Bruxelles (Imprimerie Ve Parent et Cie ...) 1879. Oct.
Publ.: 1879 (Bot. Zeit. 27 Jun 1979; Nat. Nov. Aug (2). 1880), p. [1]-15. *Copy*: FI. – Reprinted and to be cited from J. de Microgr. 3, 1879 (journal issue n.v.).

5386. *Botanique cryptogamique pharmaco-médicale.* Programme raisonné d'un cours professé à l'école supérieure de pharmacie de Paris ... Paris (Octave Doin ...) 1880. Oct.† (*Bot. crypt. pharm.-méd.*).
Publ.: Vol. 1 (only), in two fasc., p. [i]-x, [1]-481, *1 pl.* (by Faguet). *Copies*: NY, Stevenson.
Fasc. 1: Apr-Mai 1880 (p. x: 13 Apr 1880; Nat. Nov. Jun(1) 1880; Bot. Centralbl. 5-9 Jul 1880; Bot. Zeit. 10 Sep 1880; J. Bot. Aug 1880), p. [i]-x, [1]-138.
Fasc. 2: Aug-Oct 1882 (p. [483]: 14 Jul 1882; Nat. Nov. Nov(2) 1882; Bot. Zeit. 29 Dec 1882), p. 139-481, [483].
Complete volume reissued: 1883 (t.p.), p. [i*-viii*], [i]-x, [1]-481, *1 pl. Copies*: G, FH, MO, USDA.

5387. *Synopsis* et tableau synoptique des familles qui composent la classe *des Mycophytes* (Champignons et Lichens) ... Lons-le-Saunier (Imprimerie et lithographie Lucien Declume ...) 1894. Oct. (*Syn. Mycophyt.*).
Publ.: 1894 (t.p.; Nat. Nov. Apr(1) 1895), p. [1]-16, chart, [1, expl.]. *Copies*: G, MICH. – Reprinted from Bull. Soc. mycol. France 10(3): 143-158. 1894 (late 1894 or 1 Jan - 15 Feb 1895).

5388. Sous-règne des cryptogames. 2e embranchement Cryptochlorophyllés. *Synopsis* et tableau synoptique des familles qui composent la classe des *Phycophytes* (algues, diatomées, et bactériens) ... Paris (Société d'Éditions scientifiques) 1895. (*Syn. Phycophyt.*).
Publ.: 1895 (Nat. Nov. Aug(2) 1895), p. [1]-20, 1 table. *Copy*: NY (orig. imprint covered by sticker: "Theodor Oswald Weigel, Leipzig").

5389. *Énumération méthodique* et raisonnée des familles et des genres de la classe *des mycophytes* (champignons et lichens) ... Paris (société d'éditions scientifiques ...) 1896. Oct. (*Énum. méth. mycophyt.*).
Publ.: Mar 1896 (cover; p. xvi: 10 Jun 1895; Nat. Nov. Apr(1) 1896: Bot. Zeit. 1 Mai 1896), p. [i]-xvi, [1]-334, *Copies*: BR, G, MICH, Stevenson, USDA.
Re-issue: Mar 1896, idem, only difference imprint: Leipzig (Theodor Oswald Weigel), sticker. *Copy*: NY.

Marchesetti, Carl(o) de [Carl von] (1850-1926), Austro-Italian botanist at Trieste; Dr. med. Wien 1874; travelled in the East 1875-1876 and 1880-1881; director of the Trieste museum 1876; also director of the Trieste botanical garden, 1904. (*Marches.*).

HERBARIUM and TYPES: FI; other material in many herbaria, see IH (not listed: PI, SS). – Contributed to the *Flora exsiccata austro-hungarica.*

BIBLIOGRAPHY and BIOGRAPHY: AG 12(3): 618; Barnhart 2: 446; BFM 1062, 1063, 1066; BL

2: 356, 357, 688; BM 3: 1237; Bossert p. 253; CSP 8: 324, 10: 716, 12: 483, 17: 7; De Toni 1: lxxxi; DTS 1: 181-182; Hegi 6(1): 354, 6(2): 1347; IH 2: 501; Kew 3: 586; LS 16870; Morren ed. 10, p. 35; Rehder 5: 544; Saccardo 1: 102-103, 2: 67; Tucker 1: 460; Urban-Berl. p. 373.

Anon., Bot. Centralbl. 73: 479. 23 Mar 1898 (to Egypt and Palestina); Bot. Jahrb. 34 (Beibl. 76): 41. 1904 (appointed dir. bot. gard. Trieste); Hedwigia 67: (163). 1927 (d. 2 Apr 1926); Nat. Nov. 26: 311. 1904 (dir. bot. gard.); Nature 117: 596. 1926; Österr. bot. Z. 26: 247. 1846. (returned from E. Asia), 75: 196. 1926 (d.); Science 63: 473. 1926.

Beck, G., Veg.-Verh. Illyr. Länd. 11, 12, 15, 20, 38. 1901 (Veg. Erde 4).

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Lusina, G., Annali Bot. 25: 158. 1958.

Marchesetti, C., Österr. bot. Z. 26: 36, 311. 1876 (on trip to India), Ricordi d'un viaggio alle Indie orientali, Triest 1876, 11, 21 p. (id.).

Prihoda, M., Bot. Centralbl. 3/4: 1088. 1880 (on 1 Oct 1880 to Eastern Asia); Österr. bot. Z. 33: 1-8. 1883 (portr., bibl., biogr.; trip 1880-1881 ended abruptly at Pulu Penang because of a sun stroke).

Wittrock, V. B., Acta Horti Berg. 3(2): 83. 1903 (b. 17 Jan 1850).

EPONYMY: *Marchesettia* Hauck (1882).

5390. *Una gita al Gran Sasso d'Italia* [Bolletino delle scienze naturali 1875]. Oct.
Publ.: 1875, p. [1]-11. *Copy*: FI. – Reprinted and to be cited from Boll. Sci. nat. 1(6) 233-243. 1875.

5391. *Particolarità della Flora d'Isola* ... [Bollettino delle Scienze naturali 1879] . Oct.
Publ.: 1879, p. [1]-6. *Copy*: FI. – Reprinted and to be cited from Boll. Sci. nat. 4: 162-167. 1879.

5392. *Una passeggiata alle Alpi Carniche* ... [Bollettino delle Scienze naturali 1879]. Oct.
Publ.: 1879, p. [1]-23. *Copy*: FI. – Reprinted and to be cited from Boll. Sci. nat. 4: 168-190. 1879.

5393. *Gita ad un banco di coralli a Gedda* ... [Bollettino della Società adriatica di Scienze naturali in Trieste, 1880]. Oct.
Publ.: 1880, p. [1]-7. *Copy*: FI. – Reprinted and to be cited from Boll. Soc. adriat. Sci. nat., Trieste 6(1): 115-121. 1880.

5394. *Florula del Campo Marzio* ... [Bollettino della Società adriatica di Scienze naturali in Trieste, 1882]. Oct.
Publ.: 1882 (BSbF rd. Sep-Oct 1882); p. [1]-14. *Copy*: FI. – Reprinted and to be cited from Boll. Soc. adriat. Sci. nat., Trieste 7 (1): 154-167. 1882.

5395. *Due nuove specie di Muscari* ... [Bollettino della Società adriatica di Scienze naturali in Trieste, 1882]. Oct.
Publ.: 1882 (BSbF rd. Sep-Oct 1882), p. [1]-2 *Copy*: FI. – Reprinted and to be cited from Boll. Soc. adriat. Sci. nat., Trieste 7(1): 266-267. 1882. Use of the generic name *Botryanthus*.

5396. *La flora di Parenzo* del Dr. Carlo Marchesetti Trieste (Tipografia del Lloyd austro-ungarico) 1890. Qu.
Publ.: 1890 (Nat. Nov. Jan(2) 1891), p. [i], [1]-98. *Copies*: BR, FI – Reprinted and to be cited from Atti Mus. Civ. Stor. nat. Trieste 8: [25]-122. 1890 (copies at B, NY).

5397. *Flora dell'isola di Lussino* di Muzio di Tommasini con aggiunte e correzioni di Carlo Marchesetti. Trieste (Tipografica del Lloyd austriaco) 1895. Qu. (*Fl. Lussino*).

Author of basic manuscript: Muzio Giuseppe Spirito de Tommasini (1794-1879).
Publ.: 1895, p. [1]-96. *Copies*: G, FI. – Reprinted or preprinted from Atti Mus. civ. Stor. nat. Trieste 9, 1895.
Ref.: Solla, Bot. Centralbl. 67: 20-21. 30 Jun 1896.

5398. *Bibliografia botanica* ossia catalogo delle publicazioni intorno alla flora *del litorale austriaco* ... Trieste (Tipografia del Lloyd austriaco) 1895. Oct. (*Bibl. bot. litor. austriac.*).
Publ.: 1895, p. [1]-82. *Copy*: FI. – Reprinted or preprinted from Atti Mus. civ. Storia nat. Trieste 9: 129-210. 1895. Bibl. of 762 nos.; preliminary publ. for a flora of the Austrian coastal regions: see below *Fl. Trieste.*

5399. *Flora di Trieste* e de'suoi dintorni ... Trieste (Tipografia del Lloyd austriaco) 1896-97. Oct. (*Fl. Trieste*).
Publ.: Mai-Jun 1897 (Bot. Zeit. 16 Oct, 1 Nov 1897, 16 Jun 1898; Nat. Nov. Jun(2) 1897 as a whole; id. Bot. Centralbl. 7 Jul 1897; id. Österr. bot. Z. 1 Aug 1897), p. [i]-civ, [1, h.t.], [1, note], [1]-727, chart. *Copies*: G, KNAW, MO, NY, US.
Ref.: Kneucker, A., Allg. bot. Z. 3: 200. 15 Dec 1897 (Flora based on herb. of Muzio Giuseppe Spirito de Tommasini (1794-1879)).
Solla, R.F. Bot. Centralbl. 71: 371-372. 2 Sep 1897 (reviewed as a whole).

Marcialis, Efisio (fl. 1889), Italian botanist at Cagliari (*Marcialis*).

HERBARIUM and TYPES: FI, TAL.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 389, 688; Saccardo 1: 103.

5400. *Piccola flora spontanea dintorni di Cagliari.* Cagliari (Tipografia del carriere) 1889. Oct. (*Piccola fl. Cagliari*).
Publ.: 1889 (Nat. Nov. Sep (2) 1889; Bot. Centralbl. 9 Oct 1889; Bot. Zeit. 25 Oct 1889), p. [1]-65. *Copy*: CAG. – Carlo Steinberg has (at FI) an incomplete photocopy of the CAG original. See Just, Bot. Jahresber. 17(2): 291-292. 1892, Nat. Nov. Sep(1) 1892, and Bot. Zeit. 51(2): 143. 1893 for a 1892 issue (not seen by us).

Marck, Wilhelm von der (1814-1900), German pharmacist and naturalist at Hamm; from 1866 living as "Privatgelehrter". (*Marck*).

HERBARIUM and TYPES: BONN, MSTR.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 299; Barnhart 2: 447; BM 3: 1238; CSP 4: 233-234, 8: 324-325, 10: 717, 12: 483-484, 17: 9-10; GR p. 150 (orig. info.); Jackson p. 187; LS 36594; Quenstedt p. 278; Rehder 5: 545; TL-2/2: 3062; Tucker 1: 460.
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5401. *Fossile Fische, Krebse und Pflanzen* aus dem Plattenkalke der jüngsten Kreide in Westphalen. Cassel (Verlag von Theodor Fischer) 1863. Qu. (*Foss. Fische, Krebse Pfl.*).
Publ.: 1863, p. [i], [1]-83, *pl. 1-14* (uncol. liths.). *Copy*: USGS. – Paläontographica vol. 11.

Marcy, Randolph Barnes (1812-1887), American explorer, soldier, naturalist, and author. (*Marcy*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 447; BM 3: 1239; CSP 4: 235; Herder p. 54; Kew 3: 587; Lenley p. 463; ME 3: 622 [index]; NAF 28B(2): 344; Rehder 5: 545; Tucker 1: 460.
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5402. 32d Congress, 2nd Session. Senate. Executive, no. 54. *Exploration of the Red River of Louisiana,* in the year 1852: by Randolph B. Marcy, ... assisted by George B. McClellan, ... With reports on the natural history of the country, and numerous illustrations. Washington (Robert Armstrong, ...) 1853. Oct. (*Explor. Red River Louisiana*).
Assistant: George Brinton McClellan (1826-1885).
First issue: Nov 1853 (t.p.; submitted 8 Nov 1853), p. [i]-xv, [1]-320, *pl. 1-12, 1, 3-11, 1-6, 1-18,* [plants:] *1-17, 19-20,* 2 maps. *Copies*: MICH, USDA. – Botanical appendix by John Torrey (1796-1873), p. [266]-293.
Second issue: 1854, p. [i]-xv, [1]-320, *pl. 1-12, 1, 3-11, 1-6, 1-18,* [plants:] *1-17, 19-20. Copies*: G, MO, NY. – "33d Congress, 1st session, Senate. Executive Doc. ... Exploration ... " Washington (Beverley Tucker, senate printer) 1854. Oct.
Third issue: 1854, p. [i]-xv, [1]-286, *pl. 1-12, 1, 3-11, 1-6, 1-18* (in USDA copy: 3 lacking, 1 double), [plants:] *1-17, 19-20,* map. *Copies*: MICH, USDA. – "33d Congress, 1st Session. Ho. of Reps. Executive Doc. *Exploration* ... "Washington (A. O. P. Nicholson, public printer) 1854. Oct. – Coville (1898) suggests that this issue may have been the second chronologically. Appendix Torrey p. [247]-272.

Marès, Paul (1826-1900), French botanist, explorer of Algeria and the Balearic Islands. (*Marès*).

HERBARIUM and TYPES: MPU; other material at AL, FI, LY, P, W. – 50 letters to Malinvaud at P.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 447; BJI 1: 38; BL 2: 491, 688; BM 3: 1239; Colmeiro 1: clxxxvii; CSP 4: 236, 8: 327, 10: 719, 17: 15; IH 2: 502; Jackson p. 508; Kew 3: 586; Morren ed. 2, p. 32, ed. 10, p. 56; Quenstedt p. 279; Rehder 5: 545; Tucker 1: 460.
Anon., Bot. Centralbl. 83: 368. 1900 (d.); Bot. Not. 1901: 114. (d.); Nat. Nov. 22: 458. 1900 (d.); Österr. bot. Z. 50: 307. 1900 (d.).
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Cosson, E., Comp. fl. atl. 1: 68-69. 1881 (itin., bibl.).
Cosson et Durieu, Exp. sci. Algérie bot. 2: xxxvi-xxxvii. 1868 (itin., bibl.).
Ficheur, E., Bull. Soc. geol. France ser. 3. 28: 525-526. 1900.
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Maire, R., Progr. connaiss. bot. Algérie 93, 110. 1931.

EPONYMY: *Maresia* Pomel (1874) is in all likelihood dedicated to P. Marès.

5403. *Catalogue raisonné des plantes vasculaires des îles Baléares* ... Paris (G. Masson, éditeur ...). 1880. Oct. (*Cat. pl. vasc. Baléares*).
Co-author: Guillaume Vigineix (x-1877).
Publ.: Oct 1880 (Nat. Nov. Nov(1) 1880; Bot. Centralbl. 15-19 Nov 1880; Bot. Zeit. 3 Dec 1880; J. Bot. Nov 1880), p. [i*-iii*], [i]-xlvii, [1, note], [1]-370, [1, cont.], *pl. 1-9* (uncol.). *Copies*: G, MO, NY, USDA. – The presentation of a set of proofs of p. 1-160 to the Société botanique de France on 8 Nov 1878 does not constitute effective publication (BSbF 26: 197. 1897). The same holds for the deposit of a larger set of proofs on 23 Mai 1879 (ib.). On 9 Jul 1880 (ib. 27: 242. 1880) Marès presented "le volume complet" to the Société; however it is not clear whether this was a full set of proofs or the effectively published book. It is reviewed by the Bull. Soc. bot. France 27 (bibl.): 148-150. Nov-Dec. 1880.
Ref.: Willkom, M., Bot. Centralbl. 6: 373-375. 1881.

Maresquelle, Henri J. (*fl.* 1929), French mycologist, high school teacher at Poitiers. (*Maresq.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Stevenson p. 1250.

5404. Série A. no. 1201. No d'ordre 2069. Thèses présentées à la faculté des sciences de Paris pour obtenir le grade de docteur ès sciences naturelles par H.-J. Maresquelle ... 1re thèse. – *Études sur le parasitisme des Urédinées*. 2e thèse. – Propositions ... soutenues le [29 juin stamped] 1929 devant la commission d'examen: ... Paris (Masson et cie., éditeurs ...) 1929. Oct. (*Étud. paras. Urédin.*).
Thesis: 29 Jun 1929, p. [i-ii], [1]-122, [1-2], *pl. 1-4*. *Copy*: FH.
Journal issue: Mai 1930, Ann. Sci. nat. Bot. ser. 10. 12: 1-122, *pl. 1-4*.

Margot, Henri (1807-1894), Swiss teacher and botanist, pupil of A. P. de Candolle; B.Sc. Genève 1829; teacher with count Messala at Zante (Ionian isles) 1834-1837; from 1837-1839 at Valleyres; from 1839-1855 high school teacher at Vevey; from 1855-1873 id. at the Collège cantonal of Lausanne. (*Margot*).

HERBARIUM and TYPES: LAU; further material, especially from Zante, at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 448; BM 3: 1240; CSP 4: 238; IH 2: 503; Kew 3: 587; Lasègue p. 346; PR 5812 (ed. 1: 6506); Rehder 5: 545; Tucker 1: 460.
Boissier, E., Fl. orient. 1: xiii. 1867 (see also Voy. bot. Espagne 2: 263. 1840).
Briquet, J., Bull. Soc. bot. Suisse 50a: 307. 1940 (biogr., bibl.).
Candolle, Alph. de, Phytographie 431. 1880.
Candolle, A. P. de, Mém. Souvenirs 332, 469. 1862.

EPONYMY: *Margotia* Boissier (1838).

5405. *Essai d'une flore de l'île de Zante* ... [Genève 1839-1840]. Qu. (*Essai fl. Zante*).
Co-author: Georges François Reuter (1805-1872).
Publ.: 1839-1840 (journal publ.; reprint not dated), p. [1]-104, 81-96, *pl. 1-6* (uncol. liths, by Heyland). *Copies*: FI, G, NY, REG. – Reprinted or preprinted from Mém. Soc. Phys. Hist. nat. Genève 8(2): 249-314 [reprint p. 1-64, *pl. 1-4,6*] Sep-Oct 1839, 9(1): 1-56 [reprint p. 65-104 & 81-96, *pl. 5*]. 1840 [volume published Mar-Apr 1841]. – Briquet (1940) gives 1838 as the date of publication of the reprint but we do not know the arguments for this statement. Vol. 8(2) of the *Mémoires* is for 1838 but was published 1839. The paper was "read" to the Society Mar 1838; the reprint has no title-page. The abnormal pagination suggests preprinting of at least part 2. Copies of reprints with journal pagination: E, WU.

Marie-Victorin, Frère [Joseph Louis Conrad Kirouac] (1885-1944), Canadian clergyman and botanist; Dr. sci. Montréal 1922; high school teacher until 1920; at the Faculty of Sciences of the Université de Montréal 1920-1944. (*Marie-Vict.*).

HERBARIUM and TYPES: MT; duplicates see IH.

NAME: Secular name Kirouac derived from the original family name in Brittany "de Keroack". Listed sometimes alphabetically under secular name.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 295; BFM 1593; BJI 2: 111; BL 1: 144, 307; GR p. 739; Hirsch p. 189; IF suppl. 3: 218; IH 1(ed. 6): 361, 2: 503; Kew 3: 587-588; NAF 28B(2): 344; NW p. 52; PH 209; Plesch p. 325; Zander ed. 10, p. 688; ed. 11, p. 785 (*b.* 3 Apr 1895).
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Boivin, B., Provancheria 10: 185 [index sub Victorin]. 1980 (coll.).
Brunel, J., Rev. canad. Biol. 3(4): 379-387. Nov 1944 (obit., portr.)
Dansereau, P., Amer. Midl. Natural. 33: iii-viii. 1945 (portr. drawing by Françoise M. Dansereau).

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Gauvreau, M., Ann. ACFAS 4: 144-189. 1938 (portr., bibl.); 11: 98. 1945 (unpubl. bibl. at MT).
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Raymond, M., La dernière herborisation du frère Marie-Victorin [15 juillet 1944]. Montréal 1944, 15 p., portr., Extrait du *Devoir* 12 août 1944. (death in an automobile accident).
Rousseau, J., Jardin botanique Montréal, undated, 24 p. (photograph of statue).
Rumilly, R., Le frère Marie-Victorin et son temps, Montréal 1949, 459 p., 35 photogr.
Schuster, R. M., Hep. Anthoc. N. Amer. 1: 75. 1916.
Steere, W. C., Bot. Rev. 43: 292. 1977.
Stehlé, H., Bull. Soc. bot. France 93: 3-6. 1946 (bibl.).
Verdoorn, F., Pl. pl. Sci. Latin America xxv. 1945.

COMPOSITE WORKS: Founded and edited the *Contributions du Laboratoire de Botanique de l'Université de Montréal,* 1922-1944 (reprints from other journals as well as orig. publ.; many of M.-V.'s own publications are included in the series).

NOTE: Marie-Victorin was the first author to provide chromosome numbers in a flora: *Fl. laurent.* 1935.

EPONYMY: *Victorinia* Léon (1941).

5406. *La flore du Temiscouata.* Mémoire sur une nouvelle exploration botanique de ce comté de la province de Québec ... Québec (Imprimerie Laflamme) 1916. Oct.
Publ.: 1916 (US rd. 26 Sep 1916), p. [1]-127.*Copies*: MO, US. – Reprinted and to be cited from Natural. Canad. 41: 99-108, 115-119, 132-138, 148-155, 165-170, 181-188. 1915, 42: 6-12, 18-29, 34-44, 51-59, 68-79, 106-111, 121-126, 136-143, 153-158, 168-175, 181-187. 1915/16.

5407. *Les filicinées du Québec.* Thèse présentée à la Faculté des sciences de l'Université de Montréal, pour l'obtention du grade de docteur ès sciences, le 22 mai, 1922. Montréal 1923. *Fil. Québec*).
Publ.: Mar 1923 (p. 7: 12 Feb 1923, US rd. 12 Jun 1923), p. [1]-98. *Copies*: PH, US. – Rev. trim. canad. 9, Mars 1923, suppl.

5408. *Études floristiques sur la région du lac Saint-Jean* ... Montréal 1925. Oct. (*Étud. fl. lac Saint-Jean*).
Publ.: 23-31 Dec 1925 (t.p. 1925; p. [7]: 23 Dec 1925), p. [1]-174. *Copies*: MO, PH, E, G, Voss. – Contr. Lab. bot. Univ. Montréal 4, 1925.

5409. *Les Équisétinées du Québec* ... New York (Henry G. Fiedler ...), Montréal (Laboratoire de botanique ...), Leipzig (T. Oswald Weigel) ...) 1927. (*Équis. Québec*).
Publ.: Oct-Dec 1927 (p. [vii]: 27 Sep 1927), p. [i-xiii], [1]-134, [135-137]. *Copy*: PH. – Contr. Lab. bot. Univ. Montréal 9, 1927.

5410. *Les gymnospermes du Québec* ... New York (Henry G. Fiedler ...), Montréal (Laboratoire de botanique ...), Leipzig (T. Oswald Weigel ...) 1927. (*Gymnosp. Québec*).
Publ.: 14 Nov-31 Dec 1927 (p. [v]: 14 Nov 1927; USDA rd. Feb 1928), p. [i-xi], [1], [1]-147. *Copies*: PH, USDA. – Contr. Lab. bot. Univ. Montréal; 10, 1927.

5411. *Les Liliiflores du Québec* (Liliacées, Pontédériacées, Iridacées, Joncacées.) ... New York (Henry G. Fiedler ...), Montréal (Laboratoire de botanique ...), Leipzig (T. Oswald Weigel ...) 1929. (*Liliifl. Québec*).
Publ.: Dec 1929 (t.p. 1929; p. [vii], 24 Dec 1929), p. [1]-202. *Copy*: PH. – Contr. Lab. Bot. Univ. Montréal 14, 1929.

5412. *Le genre Rorippa dans le Québec* ... New York (Henry G. Fiedler ...), Montréal (Laboratoire de botanique ...), Leipzig (T. Oswald Weigel ...) 1930. (*Rorippa Québec*).
Publ.: 1930, p. [i], [1]-17. *Copy*: PH. – Contr. Lab. Bot. Univ. Montréal 17, 1930.

5413. *L'Anacharis canadensis* histoire et solution d'un imbroglio taxonomique ... New York (Henry G. Fiedler), Montréal (Laboratoire de botanique ...), Leipzig (T. Oswald Weigel ...) 1931. (*Anacharis canad.*).
Publ.: 1931, p. [1]-43. *Copy*: PH. – Contr. Lab. Bot. Univ. Montréal 18, 1931.

5414. *Les Spadiciflores du Québec* (Aracées, Lemnacées.) ... New York (Henry G. Fiedler ...), Montréal (Institut botanique ...), Leipzig (T. Oswald Weigel ...) 1931. (*Spadicifl. Québec*).
Publ.: Dec 1931 (p. [7]: 25 Nov 1931), p. [1]-60. *Copy*: PH. – Contr. Lab. Bot. Univ. Montréal 19, 1931.

5415. *Flore laurentienne* illustrée de 22 cartes et de 2800 dessins ... Montréal (Imprimerie de la Salle ...) 1935. 16-mo. (*Fl. laurent.*).
Artist: Frère Alexandre L. Sc. (1892-x) (Alexandre Blouin).
Publ.: 3-25 Apr 1935 (p. 11: 3 Apr 1935, see letter Merrill to author of 26 Apr 1935 acknowl. receipt; MO rd. 6 Jun 1935; Nat. Nov. Jul 1935), p. [i-vi], map, 1-917, [918, err.]. *Copies*: L, MO, NY, US, USDA.
Supplément à la Flore laurentienne: 1947 (p. 3*: 15 Jul 1946), p. [1*]-63*. *Copy*: USDA. – ..."comprenant des additions et des corrections ainsi que la mise à jour de la nomenclature" par Ernest Rouleau (1916-x) ... Montréal (Frères des écoles chrétiennes ...) 1947. (*Suppl. Fl. laurent.*).
Reprint with suppl.: 1947, p. [i-v], 1-916, [1, err.], [1*]-63*. *Copy*: US. – "Réimpression augmentée d'un supplément comprenant ... par Ernest Rouleau ... " Montréal (Les frères des Écoles Chrétiennes ...) 1947.
Ed. 2: "entièrement revue et mise à jour par Ernest Rouleau ... " Sep 1964, Montréal (Les presses de l'Université de Montréal), p. [i, iii-v], map, 1-925, [1, cont.]. *Copies*: FAS, US. – (see Taxon 15: 154. 1966). – Revised by Ernest Rouleau (1916-x). – Six hundred additional species; in all 1568 sp.
Ref.: Rendle, A. B., J. Bot. 73: 235-237. Aug 1935. Moldenke, H. N., Torreya 35: 128-129. 14 Oct 1935.

Marion, Antoine-Fortuné (1846-1900), French zoologist and palaeobotanist at Marseille. (*Marion*).

HERBARIUM and TYPES: Unknown; some plants collected by "Marion" in North Africa were received by K in 1878.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 299-300; Barnhart 2: 448; BJI 1: 38; BM 3: 1241, 7: 795; CSP 8: 331-332, 10: 723, 12: 484-485, 17: 25-26; Jackson p. 51, 100, 183, 185; Kew 3: 588; Moebius p. 144; Morren ed. 10, p. 65; Quenstedt p. 280; Rehder 5: 546; Tucker 1: 460.
Anon., C. R. Acad. Sci., Paris 131(25): 1037. 1901 (d. 10 Oct 1846); Bull. Soc. géol. France ser. 4. 1: 281. 1901 (obit.).
Evens, F. M. J. C., Gesch. algol. Belgie 180. 1944.
Jackson, B. D., Bull. misc. Inf. Kew 1901: 44 ("Marion" pl. at K).
Jourdan, É., C. R. hebd. Sci. Mém. Soc. Biol., Paris 1900: 1-3. 1900(obit.).
Jourdan, Vayssière et Gastine, Ann. Fac. Sci. Marseille 11: 1-36. 1901 (portr., bibl.) (b. 10 Oct 1846, d. 24 Jan 1900).
Saporta, G. de, Mém. Sci. Agric., Acad. Arts Aix 13: 241-284. 1888 (rev. and bibl. of M's scientific publ.).

COMPOSITE WORKS: With L. C. J. G. de Saporta, *L'évolution du règne végétal*, 2 vols. 1885 (and many other publications; see Saporta).
With L. Laurent, Exam. coll. vég. foss. Roumanie, 1898.

EPONYMY: *Marionella* F. S. Wagner (1954) is dedicated to Marion Elizabeth Stilwell Cave (1904-x), American plant cytologist and embryologist.

5416. *Description des plantes fossiles des calcaires marneux de Ronzon* (Haute-Loire). Paris (G. Masson) 1872. Oct. (*Descr. pl. foss. Ronzon*).
Publ.: Jun 1872, p. [1]-40, *pl. 22-23* (uncol. liths.). *Copies*: USGS. – Repr. from Ann. Sci. nat. ser. 5. 14(6): 325-364. Jun 1872.

5416a. *Observations sur le Dracaena goldieana* et sur certains caractères morphologiques des Asparagées ... Marseille (Typographie et lithographie Cayer et C. ...) 1882. (*Observ. Dracaena gold.*).
Publ.: Mai 1882 (t.p. reprint), p. [1]-12, *2 col. pl. Copy*: PH. – Reprinted from Revue hortic. Bouches-du-Rhône, Mai 1882 (journal publ. n.v.).

5417. *Note sur l'Allibertia intermedia* (Nouveau genre d'Amaryllidées) ... [Marseille] (Typ. et lith. Cayer et Cie., ...) [1882] (*Not. Allibertia*).
Publ.: Nov 1882, p. [1]-4, *1 pl. Copy*: G. – Reprinted from Revue hortic. Bouches-du-Rhône.

Marissal, Félix Victor (1824-1881), Belgian botanist. (*Marissal*).

HERBARIUM and TYPES: Some material at BR.

NAME: Barnhart has "Victor Joseph Marissal", based on Bibl. nat. Belg. (b. 5 Jan 1884, 16 Sep 1881).

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 38, 688; BM 3: 1241; De Toni 1: lxxxi, 2: lxxix; IH 2: 503; Jackson p. 273; Nordstedt p. 22; PR 5815; Rehder 5: 546; Tucker 1: 460.
Crépin, F., Manuel fl. belg. lxx. 1860; Guide bot. Belgique 459. 1878.
Evens, F. M. J. C., Gesch. algol. Belgie 180. 1944.

5418. *Catalogue des phanérogames* observées depuis 1842 dans les environs *de Tournay*, disposé suivant le système de M. B.-C. Dumortier, ... Tournay (Imprimerie de Ch. Robert, ...) 1846. Oct. (*Cat. phan. Tournay*).
Publ.: 1846, p. [i-ii], [1]-91. *Copy*: NY. – Reprinted from Ann. Soc. Litt. Sci. Beaux-Arts Tournay.

5419. *Catalogue des espèces omises dans la Flore du Hainaut* et observées dans les environs de Tournai, par F. -D. Marissal ... (Première centurie). Algues. Tournai [Doornik] (Typographie de J. Casterman et fils, ...) 1850. Oct. (*Cat. esp. omises Fl. Hainaut*).
Publ.: 1850, p. [i-ii], [1]-56, *pl. 1-2* with text. *Copy*: BR. – Mém. Soc. hist. litt. Tournai, no. 1. – The author's name is given, erroneously, as F. D. Marissal. (so quoted by PR).

Mariti, Giovanne (abate) (1736-1806), Italian clergyman and botanist. (*Mariti*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: PR (ed. 1: 6510-6512); Rehder 1: 451, 536; Saccardo 1: 103-104 (b. 4 Nov 1736, d. 13 Sep 1806); SO 1890.

5420. *Odeporico* o sia itinerario per le colline pisane. Tomo i [ii]. Firenze 1797 [-1799] (a spese di Giovacchino Pagani ...) 1797. Oct. (*Odeporico*).
1: 1797, p. [i]-xii, [1]-354; *botany* on p. 161-224.
2: 1799, p. [i]-iv, 1 map, [1]-344, *4 pl. Copy*: FI.

5421. *Della Robbia* sua coltivazione e suoi usi. [Firenze] 1776. Oct. (*Robbia*).
Publ.: 1776, p. [i]-xvi, [1]-294, *5 pl. Copy*: FI. – On Rubia tinctorum. Inf. C. Steinberg.

Mariz, Joaquim de (1847-1916), Portuguese botanist; naturalist at the Botanical Department of the University of Coimbra from 1882. (*Mariz*).

HERBARIUM and TYPES: COI (Inf. A. Fernandes).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 448 (b. 28 Jan 1847); BL 2: 474, 688; BM 3: 1241; Bossert p. 253; Colmeiro 1: clxxxvii; CSP 17: 26 (q.v. for *Subsidios* 1885-1900); Morren ed. 10, p. 93; Rehder 5: 546; Tucker 1: 460.
Fernandes, A., Anal. Soc. Brot. 44: 68-69. 1978.
Henriques, J. A., Broteria 14(2): 117-118, *pl. 3*. 1916 (portr., d. 1 Apr 1916), Bol. Soc. Brot. 27: 214-215. 1917 (portr.).
Willkomm, M., Grundz. Pfl. -Verbr. Iber. Halbins. 26. 1896 (Veg. Erde 1).

5422. *Subsidios para o estudo da flora portugueza.* I. *Papilionaceae* L. . . . Coimbra (Imprensa da Universidade) 1884. Oct. (*Subsidios I. Papilion.*).
Publ.: Mar-Jun 1884 (p. [5]: 15 Feb 1884; Nat. Nov. Jul(2) 1884; Bot. Centralbl. 21-25 Jul 1884), p. [1]-70, *1 pl. Copy*: G. – Preprinted or – less likely – reprinted from Bol. ann. Soc. Brot. 2: 58-123. 1884.
Ref.: Willkomm, M., Bot. Centralbl. 19: 107-108. 1884.

5423. *Subsidios para o estudo da flora portugueza.* II. *Cruciferae* L. . . . Coimbra (Imprensa da Universidade) 1885. Oct. (*Subsidios II, Cruciferae*).
Publ.: Jan-Jun 1885 (Bot. Zeit. 31 Jul 1885; Bot. Centralbl. 31 Aug- 4 Sep 1885), p. [1]-40.
Copy: G. – Preprinted (fide M. Willkomm 1885) from Bol. Soc. Brot. 3(2): 72-105, 106-109. 1885.
Subsidios III, *Ranunculaceae* was published Bol. Soc. Brot. 4(2): 81-112. 1886 (no reprint seen), IV, *Ordo Caryophyllinarum*, ib. 5(1/2): 85-112, 113-123. 1887 (id.), V, *Ordo Succulentarum*, ib. 6(1): 16-44. 1888 (id.), VI, *Ordo Gruinalium*, ib. 8(2): 159-160. 1890, 8(3/4): 161-172. 1890 (id.). The next issue dealt with *Compositae*, see below.
Ref.: Willkomm, M., Bot. Centralbl. 23: 276. 1885.

5424. *As Compostas de Portugal.* Subsidios para o estudo da flora portugueza . . . Coimbra (Imprensa da Universidade) [s.d.] Oct.
Publ.: 1893 or 1894, (Nat. Nov. Feb(1) 1894, Nov(2) 1896), p. [i]-xv, [1]-238, *pl. 1-2. Copies*: G, MO. – Reprinted and to be cited from Bol. Soc. Brot. 9(2/3): 144-208. 1891, 9(3/4): 209-243. 1892, 10(3/4): 196-253. 1892. 11(2/3): 132-192. 1892, 11(4): 193-198. 1893. This series of papers (*Subsidios*) was continued in the Bol. Soc. Brot. through volume 20, 1893: *Umbelliferas*: 12: 171-176. Dec 1895, 177-256 Mar 1896.
Polygoneae: 13: 176-201. Mar 1897.
Chenop., Amarant.: 14: 175-214. Apr 1898.
Valer., Dips., Ambros.: 15: 175-205. Dec 1898.
Primul., Gent.: 16: 156-195. Mar 1900.
Convolv., Cuscut., Solan. 17: 159-195. Mai 1901.
Caprif., Vacc., Eric. 18: 80-125. Jul 1902 (p. 80: Mar 1902).
Suppl. Crassul. 20: 184-199. 1905.

Markgraf, Friedrich (1897-x), German botanist; Dr. phil. Berlin 1922 (student of Engler and Diels); from 1921-1943 at the Botanical Museum, Berlin – Dahlem; Habil. Berlin 1927; prof. of botany Berlin 1934-1943; 1943-1945 at Müncheberg; 1945-1957 at the Botanical Garden München; 1957-1958 at Ankara; from 1958-1967 at Zürich as professor of botany and director of the botanical garden. (*Markgr.*).

HERBARIUM and TYPES: B (destroyed), E, M, Z.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(3): 76; Backer p. 355; Barnhart 2: 448; BFM 9: 1500 Bossert p. 253; BJI 2: 111; GR p. 110; Hirsch p. 189; Hortus 3: 1199 ("Markgr."); IF suppl. 4: 329; IH 2: 503; Kew 3: 589-590; Langman p. 473; LS suppl. 17354; Moebius p. 142, 143; MW p. 299; Roon p. 74; SK 4: cxii; TL-2/1711, 2504, 2571; Zander ed. 10, p. 688, ed. 11, p. 785 (b. 1 Feb 1897); Zep-Tim p. 80-81 (b. 1 Feb 1897).
Anon., Fl. Males. Bull. 14: 624. 1959 (app. Zürich), 30: 27-49. 1977; Österr. bot. Z. 81: 320.

1932 ("Oberassistent" at B), 83: 79. 1934 ("Kustos" at B); 83: 318. 1934 (extraord. prof. bot. Berlin): 85: 80: 1936 (agricultural botany course).
Bullock, A. A., Bibl. S. Afr. bot. 73. 1978.
Eckardt, Th., Willdenowia 4(2): 176. 1966; Bot. Jahrb. 86: ix-xiv. 1967 (tribute, portr.).
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 108. 1970 (pl. E).
Merrill, E. D., B. P. Bishop Mus. Bull. 144: 130-131. 1937. Contr. U. S. natl. Herb 30(1): 204. 1947.
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Rohweder, O. et al., Bot. Jahrb. 86; xv-xxiv. 1967 (bibl.).
Steenis, C. G. G. J. van, Fl. males. Bull. 22: 1526. 1968 (on Festschrift).

COMPOSITE WORKS: (1) EP, *Nat. Pflanzenfam.* ed. 2, *Gnetales,* 13: 407-441. 1926.
(2) A. A. Pulle, *Fl. Suriname, Gnetaceae,* 1(1): 1-3. Mai 1932, *Apocynaceae* 4(1): 1-65. Mai 1932, corr. 4(1): 443-447. Sep 1937.

FESTSCHRIFT: Botanische Jahrbücher, vol. 86. 1967, edited by Th. Eckardt & O. Rohweder (portr., bibl., biogr. on p. vii- xxiv).

5425. *Pflanzen aus Albanien* 1928 ... Wien (Hölder-Pichler Tempsky, A. G. ...) 1931. Qu.
Publ.: 1931 (Nat. Nov. Nov 1931), cover (of reprint with special text), [317]-360, *pl. 1* (uncol.), 1931. *Copies*: B, US. – Reprinted from Denkschr. Akad. Wiss. Wien, math.-naturw. Kl. 102: 317-360, *pl. 1.* 1931.

5426. *Pflanzengeographie von Albanien* ihre Bedeutung für Vegetation und Flora der Mittelmeerländer ... Stuttgart (E. Schweizerbart'sche Verlagsbuchhandlung (Erwin Nägele G.M.B.H.) 1932. Qu. (*Pfl.-Geogr. Albanien*).
Publ.: 1932 (p. [1]: 31 Oct 1931), p. [ii]-vi, [1]-132, *pl. 1-7* with text, [1, expl.], map. *Copies*: B, BR, G, MICH. – Bibliotheca botanica Heft 105, 1932.
Precursor: *An den Grenzen des Mittelmeergebietes.* Pflanzengeographie von Mittelalbanien, Repert. Sp. nov., Beih. 45, 1927, 217 p., *13 pl.*, map. For review see A. Hayek (1928).
Ref.: Hayek, A., Österr. bot. Z. 77: 233-234. 1928.
Janchen, E., Österr. bot. Z. 81: 313-314. 1932.
Turrill, W. B., J. Bot. 71: 78-79. 1933.

Markham, [Sir] **Clements Robert** (1830-1916), British geographer and botanist; traveller in Peru (1852-1854); involved in the introduction of Cinchona into India (visiting S. America agian 1860); employed by the India Office 1858-1862 (Cinchona), 1867-1877 (Geogr. dept.). (*Markham*).

HERBARIUM and TYPES: BM (Indian cultivated Cinchona), E (Canad.), K (Peru).

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 355; Barnhart 2: 449; BB p. 206; BM 3: 1242, 7: 795-796; Bossert p. 253; CSP 4: 245, 8: 332, 10: 724, 17, 17: 27; Desmond p. 419-420; DSB 9: 123-124; IH 2: 503; Jackson p. 577; Kew 3: 590-591; Langman p. 473; Plesch p. 325; PR 5816-5817; Rehder 5: 546; SK 1: cxxv; Tucker 1: 461.
Allan, M., The Hookers of Kew 205. 1967.
Anon., Bull. misc. Inf. Kew 1916: 50-51.
Britten, J., J. Bot. 54: 96. 1916.
Burkill, I. H., Chapt. hist. bot. India 5, 31, 113, 134, 135. 1965.
Drewitt, F. D., Apothec. Garden 38. 1922.
Embacher, F., Lexik. Reisen 200-201. 1882.
Hedge, I. C., & J. M. Lamond, Index coll. Edinb. herb. 108. 1970 (pl. Brit. Columbia at E).
Herrera, F. L., Pl. cuzcor. herrer. 24. 1930.
Jackson, B. D., Bull. misc. Inf. Kew 1901: 44 (Andes material "1859-1873" at K).
Markham, A. H., The life of Sir Clements R. Markham, K.C.B., F.R.S., London 1917, xi, 384 p.
Markham, C. R., A memoir of the Lady Ana de Osorio ... with a plea for the correct spelling of the Chinchona genus. London 1874, 99 p. (BSbF 22 (Bibl.): xciii. 1875).
Murray, G., Hist. coll. BM(NH) 1: 166. 1904; Geogr. J. 25(2): 121-123. Feb 1905 (descr. of *Clementsia markhamiana* with notes).

Scott Keltie, J., Geogr. J. 47(3): 161-176. Mar 1916 (obit., b. 20 Jul 1830, d. 30 Jun 1916; p. 172-176 by A. H. Markham).
Taton, R., ed., Science in the 19th. cent. 386. 1965.
Weberbauer, A., Pfl.-Welt Peruan. Anden 14, 32. 1911 (Veg. Erde 12).
Williams, D., Geogr. J. 143(3): 343-352. 1968 (an "intimate view" of M's reconstruction of the Geographical Department of the India Office based on numerous original sources).

NOTE: For contemporary notices on Markham's efforts to secure *Cinchona* for the British empire see e.g. the amusing, but most likely not always equally fair, notices in the Gard. Chron. 1859, p. 464, 1860, p. 693, 712-713, 731-732, 751-752, 776. ("... it appears that in the hands of the British Government it has been impossible for Englishmen to do what has long since been effected by Dutch and French." Even the British empire could not command good luck, however).

EPONYMY: *Markhamia* Seemann ex Baillon (1888).

5427. *Travels in Peru and India* while superintending the collection of Chinchona plants and seeds in South America, and their introduction into India ... London (John Murray, ...) 1862. Oct. (*Travels*).
Publ.: 1862 (p. xvii: 16 Oct 1862), front., p. [i]-xviii, [1]-572, 2 maps. *Copies*: NY, Wurdack.
German transl.: 1865, Zwei Reisen in Peru, Leipzig (n.v.).

5428. *The Chinchona species of New Granada,* containing the botanical descriptions of the species examined by Drs. Mutis and Karsten; with some account of those botanists, and of the results of their labours ... London (printed by George E. Eyre and William Spottiswoode, ...) 1867. Oct. (*Chinchona New Granada*).
Publ.: Oct-Dec 1867 (p. 4: Oct 1867), p. [1]-139, *5 pl.* (uncol. liths.). *Copies*: G; IDC 5140. – Notes in text by John Eliot Howard (1807-1883), British quinologist (see BB p. 156); notes on Gustav Karl Wilhelm Hermann Karsten (1817-1908) and José Celestino (1732-1808).
For notes on Markham's "obstinate contention for Chinchona versus Cinchona" (the latter is correct) see Markham (1874), Hanbury (The Athenaeum 1875: 162-163), and Jackson (J. Bot. 19: 220-229. 1881.). The name Cinchona commemorates Ana de Osorio, countess of Chinchón, the wife of an early Spanish vice-roy for Peru who used the bark of Cinchona in 1638 against malaria and introduced it to Europe. Linnaeus's spelling *Cinchona* L is obviously to be retained. (see also Backer).
Ref.: Seemann, B., J. Bot. 6: 128, 155-159. 1868.

5429. *A memoir of the Lady Ana de Osorio* Countess of Chinchon and Vice-queen of Peru (a.d. 1829-1839) with a plea for the correct spelling of the Chinchona genus ... London (Trübner & Co., ...) 1874. Qu. (*Mem. Ana de Osorio*).
Publ.: 1874, p. [i]-xi, [xii], frontisp., [1]-99. *Copies*: MICH, MO, NY.

5430. *Peruvian bark.* A popular account of the introduction of Chinchona cultivation into British India ... London (John Murray, ...) 1880. Oct. (*Peruv. bark*).
Publ.: Aug 1880 (Bot. Centralbl. 16-17 Sep 1880; Nat. Nov. Dec (1) 1880), p. [i]-xxiii, map, [1]-550. *Copies*: MO, NY.
Ref.: Jackson, B. D., J. Bot. 19: 218-220. 1881.

Marklund, Gunnar Georg (1892-1964), Finnish botanist; curator at the Helsinki Botanical Museum; specialized in *Taraxacum* and *Ranunculus auricomus*. (*Markl.*).

HERBARIUM and TYPES: H (18.000); further material at DAO and GB.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 449; BM 7: 796; Collander p. 348-350, hist. p. 67, 68; GR p. 621; IH 1(ed. 6): 361, 2: 503; Kew 3: 591.
Collander, R., Soc. Sci. fenn. Årsb. 93C(3): 1-13. 1965 (portr., bibl.); Luonnon Tutkija 69: 33-35. 1965.
Jalas, J. and H. Luther, Fl. fenn. 4: 3-4. 1965 (portr.).
Hiitonen, J., Luonnon Tutkija 66: 131-132. 1962 (portr.).

5431. *Bidrag till kännedomen om Taraxacum-Floran i Karelia ladogensis* ... Helsingfors 1911. Oct. (*Bidrag Tarax. Karel.*).
Publ.: 1911 (as separate issue; so dated), 3 Feb-2 Mar 1912 (in completed journal; inf. P. Isoviita), p. [1]-22, *pl. 1-3. Copy*: H. – Issued as Acta Soc. Fauna Fl. fenn. 34(7).

5432. *Nya Taraxaca* ... Helsingforsiae 1925 [1926]. Oct. (*Nya Tarax.*).
Publ.: early 1926 (p. [2], and, fide P. Isoviita: printed before 13 Mai 1926; completed journal volume publ. ca. 7 Dec 1929), p. [1]-[25], *pl. 1-4. Copy*: H. – Issued as Acta Soc. Fauna Fl. fenn. 55(5). 1926.

5433. *Die Taraxacum-Flora Estlands* ... Helsingforsiae 1938. Oct. (*Tarax.- Fl. Estl.*).
Publ.: 1938, p. [1]-150. *Copy*: H. – Issued as Acta bot. fenn. 23, 1938.

Marloth, Hermann Wilhelm Rudolf (1855-1931), German-born South-African analytical chemist, pharmacist and botanist; studied at Berlin, 1880-1883; Dr. phil. Rostock 1883; from 1883 on in South Africa practicing pharmacy and chemistry for a living while actively engaged in the exploration of the South African flora. (*Marloth*).

HERBARIUM and TYPES: PRE. Duplicates see IH. Published *Exsiccata austro-africana* (1885-1886), sets at B and L.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 355; Barnhart 2: 449; BJI 1: 39, 2: 112; BL 1: 54, 307; BM 3: 1243, 7: 797; Bossert p. 254; Clokie p. 206; CSP 17: 32-33; Hortus 3: 1199 ("Marloth"); IH 1(ed. 6): 361, 2: 504; Kew 3: 592-593; LS suppl. 17360; Moebius p. 252; NI 1276; Rehder 5: 546; Tucker 1: 461; Urban-Berl. p. 289, 373; Zander ed. 10, p. 688-689, ed. 11, p. 785.
Anon., Ber. deut. bot. Ges. 43(9): 457-458. 1925; Bot. Soc. Exch. Cl. Brit. Isl. Rep. 9(5): 628. 1932 (d.); Bull. Afr. succ. pl. Soc. 6(3): 95-96. 1971; Flow. Pl. S. Afr. 22, 1942 (portr.); J. Bot. 63: 88. 1926; The Times 15 Mai 1931 (d.).
A.W.H., Nature 127: 945. 1931 (obit.).
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Dörfler, J., Botaniker-Adressbuch 166. 1896.
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Woods, D., Veld & Flora 62(3): 10-11. 1976.

NOTE: Several of Marloth's collections from South and South West Africa were described by A. Engler and his associates as "Plantae Marlothianae" in Bot. Jahrb. 10: 1-50. 6 Jul, 242-285. 9 Oct 1889. The original types were at Berlin (B) but, since Marloth kept duplicates in his private herbarium, which went to PRE, the isotypes are still available (see Merxmüller 1962).

EPONYMY: *Marlothia* A. Engler (1888); *Marlothiella* H. Wolff (1912); *Marlothistella* G. Schwantes (1928).

5434. *Das Kapland* insonderheit das Reich der Kapflora, das Waldgebiet und die Karroo pflanzengeographisch dargestellt von Dr. Rudolf Marloth. Mit Einfügung hinterlassener Schriften A. F. W. Schimpers . . . [Jena (Verlag von Gustav Fischer) 1908]. Qu. (*Kapland*).
Publ.: 1908 (Bot. Centralbl. 12 Jan 1909; Nat. Nov. Feb(1) 1909), p. [i-iii], [1]-436, 8 maps, *pl. 1-20* (28 if A & B's counted) with text. *Copies*: MO, NY. – Main t.p.: "Wissenschaftliche Ergebnisse der deutschen Tiefsee-Expedition auf dem Dampfer "Valdivia" 1898-1899 . . . herausgegeben von Carl Chun . . . Zweiter Band. Dritter Teil . . . "
Ref.: Engler, A. and K. Gehrmann, Bot. Jahrb. 43(lit.): 30-54. 1909.

5435. *The flora of South Africa* with synoptical tables of the genera of the higher plants . . . Capetown (Darter Bros. & Co.), London (William Wesley & Son) 1913-1932, 4 vols. Qu. (*Fl. S. Afr.*).
1: Aug-Dec 1913 (p. vii: Jul 1913; ÖbZ Oct-Dec 1913; Nat. Nov Apr(2) 1914; J. Bot. Mai 1914; Bot. Zeit. 16 Jun 1909), portr. (*pl. 1*) of author, p. [i]-xvii, [1]-264, *pl. 2-53A, 53B, 54-65* (36 nos. col.), err. slip.
2(1): 1925 (p. vi: Oct 1923; J. Bot. Aug 1926), p. [i]-xii, [1]-120, 120a-d, *pl. 1-42*. Imprint: Capetown (id.). London (Wheldon & Wesley, Ltd.) 1925.
2(2): 1925, p. [i]-iv, 121-272, *pl. 43-80*. Imprint as *2(1)*.
3(1): 1932 (Nat. Nov. Dec 1932), p. [i]-xix, [1]-148, 148a-b, *pl. 1-38* (imprint as *2(1)*).
3(2): 1932 (Nat. Nov. Dec 1932), p. [i]-iii, 149-349, *pl. 39-70*. Imprint as *2(1)*.
4: 1915, p. [i]-x, 3 err. slips, [1]-208, *pl. 1-60*. Imprint as *1*. *Copies*: L, MO, NY, US, USDA. – The separate text figure 59 is usually from vol 4; several copies exist without the coloured plates in vols. 1 and 2; the stock of these plates was destroyed by fire before insertion and distribution were completed. In all there are 180 coloured and 96 uncoloured plates.
Ref.: Engler, A., Bot. Jahrb. 51(Lit.): 57-58. 1914. (vol. 1), 56(Lit.): 42. 1921 (vol. 4).

5436. "The flora of South Africa" *Dictionary of the common names of plants* with list of foreign plants cultivated in the open . . . Cape Town (The Specialty Press of South Africa, Ltd.) 1917. Oct. (*Dict. common names pl.*).
Publ.: 1917, p. [i-viii], [1]-175. *Copy*: NY.

Marnac, Émile (1853-1929), French botanist (*Marnac*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 449; BL 2: 688 [index]; Kew 3: 593.
Anon., Bull. Acad. Géogr. Bot. 15: vi. 1906, 18: 13. 1909.

5437. *Flore phanérogamique des Bouches-du-Rhône* par le Dr Marnac et Alfred Reynier . . . première partie préliminaires: plantes subspontanées, adventices, naturalisées. La Mans (Imprimerie Monnoyer . . .) 1910. Oct. (*Fl. phan. Bouches-du-Rhône*).
Co-author: Alfred Reynier (1845-1932).
Publ.: Sep-Oct 1910 (reprint; printing finished Sep 1910, see p. 131; Nat. Nov. Jun(2) 1911), p. [i*, iii*], [i]-iv, [1]-131. *Copies*: G, USDA. – Reprinted (100 copies) from Bull. Acad. int. Géogr. bot. 19: 173-188. Aug, 229-260. Aug, 1909, 20: 57-88 Feb, 149-200. Aug-Oct 1910.

Maron, Charles (1851-1926), French horticulturist; from ± 1900 conducting a nursery at Brunoy, Seine-et-Oise. (*Maron*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 449 (d. 25 Feb 1926); Rehder 3: 514, 707; TL-2/3024.
A.E.P.G., J. Kew Guild 4: 526-527. 1927 (portr., obit.).
Anon., Gard. Chron. ser. 3. 79: 163. 1926 (d.).
Guillaumin, A., Les fleurs des jardins lxix. 1929.

EPONYMY: *Maronella* M.Steiner (1959) and *Maroneomyces* Ciferri & Tomaselli (1953) are related to *Maronea* A.Massalongo (1856), which is dedicated to Nicoló Marogna (latin: Maronea) (fl. 1608), Italian botanist.

5438. *Les fougères* organographie et classification par MM. Hooker, Baker et Smith traduit de l'anglais par Ch. Maron . . . avec annotations par MM. L. Fournier (de Marseille) et Ch. Maron et 320 figures dans le texte. Paris (Octave Doin, éditeur . . .) 1896. 18-mo. (*Fougères*). *Publ.*: Jan 1896 (Bot. Zeit. 16 Feb 1896; Nat. Nov. Apr(1) 1896), p. [i, iii], [1]-122. *Copy*: G. *Notes* by: Louis Fournier (1843-1903); original authors: William Jackson Hooker (1785-1865), John Gilbert Baker (1834-1920), John Smith (1798-1888); see especially TL-2/2: no. 3024).

Marquand, Ernest David (1848-1918), British botanist of independent means; born on Guernsey; educated in New York; until 1888 in England; 1888-1910 mainly on Guernsey; ultimately in South Devon. (*Marquand*).

HERBARIUM and TYPES: STP; other material at BM, E, K, OXF.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 450; BB p. 206; Bl 2: 226, 227, 232, 688; BM 3: 1243, 7: 797; Clokie p. 206-207; CSP 10: 725, 12: 476, 17: 35; Desmond p. 420; De Toni 1: lxxxi, 2: lxxviii, 4: xxviii; IH 2: 206; Kew 3: 593; LS 16925-16926; Nordstedt p. 22, suppl. p. 11; Rehder 5: 547; Tucker 1: 461.
Anon., Bot. Not. 1918: 214 (b. 8 Feb 1848, d. 16 Feb 1918).
Britten, J., J. Bot. 30: 192. 1892, 38: 31. 1900, 39: 216. 1901, 56: 187-189. 1918.
Britten, J. and J. Groves, J. Bot. 56: 187-189. 1918.
Davey, F. H., Fl. Cornwall lix. 1909.
Dickinson, Phycol. Bull. 1: 13. 1952 (algae at K).
Druce, G.C., Bot. Soc. Brit. Isl. Rep. 5: 357-360. 1918.
Groves, J., Proc. Linn. Soc. 130: 39-40. 1918.
Hawksworth, D. L. & M. R. D. Seaward, Lichenol. Brit. Isl. 25, 119, 198. 1977.
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 108. 1970 (pl. E).
Kent, D. H., Brit. herb. 67. 1957 (herb.).
Marquand, E. D., Trans. Guernsey Soc. nat. Hist. 2: 80-85. (on flora of Jethou).
Rowswell, B. T., Trans. Guernsey Soc. Nat. Sci. 8: 83-90. 1918 (bibl.).
Sayre, G., Bryologist 80: 513. 1977.

5439. *Flora of Guernsey* and the Lesser Channel Islands: namely, Alderney, Sark, Herm, Jethou, and the adjacent islets . . . London (Dulau & Co., . . .) 1901. Oct. (*Fl. Guernsey*).
Publ.: Oct-Nov 1901 (p. vi: 7 Jun 1901; see Britten, 1901), p. [i]-vii, map, [1]-501. *Copies*: G, MO, NY, USDA. – For subsequent publications on the flora of the Channel Islands see BL 2: 226.
Supplement: 1923, p. [1]-22. *Copy*: US.
Ref.: Marquand, E. D., The flora of Guernsey, Trans. Guernsey Soc. nat. Sci. 2: 129-151. 1894 (repr. 23 p.).
Britten, J., J. Bot. 39: 216. Jun 1901 (to be publ.), 396. Nov 1901 (just publ.).
Bennett, J. Bot. 40: 84. Feb 1902.

Marquart, Clamor Ludwig (1804-1881), German pharmacist and botanist; Dr. phil. Heidelberg 1835; from 1837 director of the Keller Pharmacy at Bonn; from 1839 in addition in charge of a pharmaceutical college; one of the founders of the Naturh. Verein der pr. Rheinlande und Westfalen in 1843; in charge of a chemical factory from 1846. (*C. Marquart*)

HERBARIUM and TYPES: BHU (Wirtgen 1908); further material at BONN.

BIBLIOGRAPHY and BIOGRAPHY: CSP 4: 247-248, 8: 334, 10: 725, 12: 486; Herder p. 464 [index]; IH 2: 504; PR 5821-5823 (ed. 1: 6516-6518); Rehder 5: 547; Tucker 1: 461-462.
Andrä, C. J., Verh. nat. Ver. preuss. Rheinl. Westf. 38: 41-58. 1881 (obit., bibl. of lectures); Leopoldina 19: 114-117, 131-135. 1883 (obit., bibl.).
Dilg, P. & W. Ilg, Deut. Apoth.-Zeit. 118(7): 251. 1978 (member Regensb. bot. Ges.).
Overbeck, F., Decheniana 105/106: 17-18. 1952 (b. 29 Mar 1804; d. 9 Mai 1881.

Wirtgen, F., S. B. Naturh. Ver. Preuss. Rheinl. 1907(1): E 49. 1908 (herbarium, 40 fasc., in bot. coll. of the society; this herbarium is now at BHU).

EPONYMY: *Marquartia* Hasskarl (1842) and *Marquartia* Vogel (1843).

5440. *Beiträge zur Geschichte der Herba Origani cretici* von Dr. Clamor Marquart und Dr. Th. Vogel. Besonderer Abdruck aus dem Repertorium f. d. Pharmacie [Nürnberg 1840]. Oct.
Co-author: Julius Rudolph Theodor Vogel (1812-1841).
Publ.: 1840, p. [1]-24. *Copy*: FI.– Reprinted and to be cited from Repert. Pharm. 22(3): 289-310. 1840. See also J. R. Th. Vogel, Linnaea 15: 74-82. Apr 1841. (*Thymus coriaceus Vogel*).

Marquart, Friedrich (*fl.* 1842), Moravian surgeon, veterinarian and mycologist, professor of pathology and veterinary control at the University of Olmütz. (*F. Marquart*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 450; BM 3: 1243; CSP 4: 247, 8: 334; LS 16927-16943; PR 5819-5820, (ed. 1: 6515).

5441. *Beschreibung der in Mähren und Schlesien* am häufigsten *vorkommenden* essbaren und schädlichen *Schwämme*. Zusammengestellt zum Gebrauche für Polizeibeamte, Wundärzte und Marktbeschauer . . . Brünn [Brno] (Gedruckt bei Rud. Rohrer's sel. Witwe) 1842. Oct. (*Beschr. Mähr. Schles. Schwämme*).
Publ.: 1842, p. [i-vi], [1]-72. *Copy*: WU. – Inf. W. Gutermann.

5442. *Die essbaren und schädlichen Schwämme* gezeichnet, lithographirt und gemalt von Anton Müller. Vier grosse nach der Natur colorirte Tafeln mit beschreibendem Texte von Friedrich Marquart . . . Wien und Olmüz (Eduard Hölzel's Verlags-Expedition) 1856. Broadsheet (*Essb. schädl. Schwämme*).
Artist: Anton Müller (1798-1864).
Publ.: Dec 1855 (1) p. 1856 but ÖbW of 13 Dec 1855 reports receipt), p. [i], *pl. 1-4* with text.
Copy: WU. – Inf. W. Gutermann.

Marquis, Alexandre Louis (1777-1828), French professor of botany; Dr. med. 1810; professor of botany at Rouen 1811-1828. (*Marquis*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1243; CSP 4: 248; Herder p. 464; NBG 33: 944-945; Plesch p. 326; PR 5825-5829 (ed. 1: 6520-6528); Rehder 5: 547; SO 2652; Sotheby 500 (Recueil d'opuscules); TL-2/1: 775 Tucker 1: 462.
A.C., Dict. Sci. méd. ser. 2. 5: 133. 1877.
Gager, C. S., Brooklyn Bot. Gard. Rec. 27(3): 212. 1938 (dir. Rouen bot. gard. 1811-1828).
Jourdan, A. J. L., Dict. Sci. méd., Biogr. Méd. 6: 198-199. 1824.
Thiébaut de Berneaud, Mém. Soc. Linn. Paris 1: 22-23. 1822.

COMPOSITE WORKS: Loiseleur-Deslongchamps, *Nouveau voyage dans l'empire de flore*, part 1 (physiologie végétale by Marquis. Marquis also contributed many botanical articles to the Dictionnaire des Sciences médicales.

EPONYMY: *Marquisia* A. Richard ex A. P. de Candolle (1830).

5443. *Essai sur l'histoire naturelle et médicale des Gentianes*. [Paris (Didot) 1810]. Qu. (*Essai hist. Gentian.*).
Publ.: 1810, p. [5]-22. *Copy*: FI. – Preprinted from Précis anal. Trav. Acad. Sci. Rouen 1811: 30. (journal issue not seen). The 1810 preprint served as thesis. (Our information is incomplete).

5444. *Esquisse du règne végétal*, ou tableau charactéristique des familles des plantes, avec

l'indication des propriétés générales de chaque famille, et des principaux médicamens qu'elle fournit; suivant la classification adoptée pour le cours de botanique spéciale et médicale du jardin des plantes de la ville de Rouen; précédé d'un aperçu de physiologie végétale suivi de la classification des médicamens exposée dans le même cours ... Rouen (Chez F. Baudry, ... Renault ...) 1820. Oct. (*Esq. règne vég.*).
Publ.: 1820, p. [i]-vii, [viii], [1]-128, *1 pl.* (portr.). *Copies*: G, NY.

5445. *Fragmens de philosophie botanique*, ou de la manière la plus convenable de voir et de travailler en histoire naturelle, et particulièrement en botanique; et des moyens de rendre cette science plus simple et plus facile; ... Paris (Chez Méquignon-Marvis, ... Béchet le jeune, ...) 1821. Oct. (*Fragm. philos. bot.*).
Publ.: 1821, front. portr., p. [i]-vi, [vii-viii], [1]-207. *Copies*: G, NY.

Marrat, Frederick Price (1820-1904), British bryologist, palaeontologist and conchologist at the Liverpool Free Public Museum. (*Marrat*).

HERBARIUM and TYPES: LIV (*musci*).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 450; BB p. 206; BM 3: 1244; CSP 4: 248, 8: 335, 10: 726, 12: 486, 17: 36; Desmond p. 421; GR p. 405; IH 2: 504; Jackson p. 182, 255.
Anon., Liverpool Museums Handb. Guide herbarium coll. 24-25. 1935; Proc. Liverpool Natural. Field Cl. 1904: 8. 1905 (d.).
Dallman, A. A. and M. H. Wood, Trans. Liverpool bot. Soc. 1: 81. 1909.
Hawksworth, D. L. & M. R. D. Seaward, Lichenol. Brit. Isl. 19-20, 119. 1977.
Lee, A., Lancashire Cheshire Natural. 13: 47-56, 76-82, 127-129. 1921 (b. 16 Mar 1820, d. 5 Nov 1904).
Warren, J. B. L., *in* Moore, S., Fl. Cheshire lxxxvi. 1899.
Wheldon, J. A., J. Bot. 48: 102-105. 1910 (on his coll. of mosses at LIV).
Wilson, W., Bryol. Brit. 11: *32b.* 1855 (*Bryum marrattii*).

5446. *On the musci and hepaticae found within twelve miles of Liverpool and Southport* ... Liverpool (Printed by Henry Greenwood, ...) 1855. Oct. (*Musc. Hepat. Liverpool*).
Publ.: 1855 (read before society 30 Apr 1855), p. [1]-27, [28]. *Copy*: E. – Issued separately and as Appendix I to the Proc. Liverpool lit. philos. Soc. 9, 1855, p. [1]-28. *Copy*: LC. Title of appendix issue: "Appendix I. On the musci and hypaticae [sic] found ... Southport".

5447. Appendix. *On the hepatics and lichens of Liverpool* and its vicinity ... [Liverpool ... Thomas Brakell, ... 1860]. Oct. (*Hepat. lich. Liverpool*).
Publ.: 1860, p. [1]-14. *Copy*: LC. – Issued as appendix to Proc. lit. philos. Soc. Liverpool 14, 1860. We have seen no separate issue.

5448. On some fossil ferns in the Ravenhead collection, Free public Museum, Liverpool. By Rev. Henry H. Higgins, M. A. *On the fossil ferns in the Ravenhead collection* by F.P. Marrat ... Liverpool (Courier Stearn Printing Works, ...) 1872. Oct. (*Foss. ferns Ravenhead*).
Publ.: Feb 1872, p. [1]-40, *pl. 1-13.* ; FH. – First paper, p. [1]-3, by Henry Hugh Higgins (1814-1893). Papers reprinted from Proc. Liverpool Geol. Soc. 13: 97-109. Feb 1872.

Marret, Léon (*fl.* 1900-1929), Swiss botanist. (*Marret*).

HERBARIUM and TYPES: Unknown. *Exsiccata de la flore du Valais et des Alpes lemanniennes*, cent. 1-5 at C, COI, E, LAU, OXF, S, ZT. – 511 nos.; published: 1: nos. 1-102. 30 Mar 1908, 2: nos. 103-205. 16 Dec 1908, 3: nos. 206-308. 6 Jan 1908, 4: nos. 309-411. 27 Feb 1911, 5: nos. 411-511. 7 Mai 1912. See Chiovenda (1924).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 450; BL 2: 563, 689; BM 7: 798; Clokie p. 207; IH 2: 504; NI 1277-1278.
Anon., Bull. Acad. Géogr. bot. 14: xxv. 1905, 16: 202 18: 13. 1909, 19: 90. 1910.
Chiovenda, E., Nuovo Giorn. bot. Ital. 31: 302-304. Oct 1924 (analysis of exsiccatae).
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 108. 1970 (pl. E).

Marret, L., Bull. Acad. Géogr. Bot. 17: iv, 65-122. 1907 (description of "Exsiccata de la Flore du Valais ... ").

5449. *Icones florae alpinae plantarum* ... Paris (Société d'Édition des Sciences naturelles, L. Marret ... ser. 3: Paul Lechevalier ...) [1911]-1924, 3 series. (*Icon. fl. alp.*).

Ser. 1, fasc. 1: Apr 1911, *pl. 1, 1a-1c, 2, 2a, 3, 3a-d, 4-5, 5a, 6, 6a-b, 7, 7a-b*, with text.
fasc. 2: Jul 1911 (Nat. Nov Oct(2) 1911), *pl. 8-10, 14, 14bis, 15, 15a, 16-19, 19bis, 20-21, 21bis, 22, 22a-22c, 23.*
fasc. 3: 1911, *pl. 11-12, 17bis, 24, 24bis, 25-27, 29-30, 30bis, 40, 40bis, 41, 44, 44bis, 51.*
fasc. 4: 1911 (Nat. Nov Jan(2) 1912), *pl. 42, 42a, 42b, 47, 47bis, 48a, 48a(bis), 48b, 50, 50a, 52, 54, 56-61, 65.*
fasc. 5: 1912 (Öbz Apr 1912; Nat. Nov. Mai(1) 1912), *pl. 66, 68, 70, 72, 73, 73bis, 75, 75a, 76, 76bis, 77, 78, 79, 79bis, 80-81, 83, 84, 85, suppl. 1.*
Ser. 2, fasc. 6: 1914 (ÖbZ Jan-Feb 1914; Nat. Nov. Feb(1) 1914), p. [i-x], *pl. 74, 125, 126, 143, 152, 163, 170, 176, 216, 259, 259a, 259b, 318, 318a, 321, 321a, 323, 394.*
fasc. 7: 1914 (Nat. Nov Apr(2) 1914), p. [i-iv], *pl. 155, 161, 162, 185, 249, 328, 328a-e, 375, 377, 393, 393bis, 395, 407, 422.*
fasc. 8: s.d., *pl. 127, 157, 159, 159a, 166, 176, 175, 253, 257, 324, 324a-c, 391, 401, 416, 418, 424.*
fasc. 9: Apr 1919, p. [i], *pl. 172, 172bis, 306, 207, 308, 308a-b, bis, 320, 320a-c, 392, 392bis, 401, 408, 417.*
fasc. 10: s.d., p. [i], *pl. 286, 286a-b, 319, 319a, 330, 330a, 334, 336, 376, 400, 400a, 403, 405, 406.*
Ser. 3: 1924 (Nat. Nov Jun 1924), p. [i-ii], *pl. 112, 112a, 115-116, 136, 142, 156, 177, 178, 179, 184, 188, 247, 248, 250, 325, 338, 419, 419bis, 421, 429, 429a-g, 513, 513a, 514, 512, 512a, 515-516, 540, 541-542, 542a, 543-544, 546, 546a-c, 562, 610-611, 613, 613a, 613b, 614-616, 616a, 616b, 617, 618, 618a, 619-622, 624, 625-627, 630* [photos with text].

Copies: BR, G, MICH, NY, USDA. – See BL 2: 563 ("255 pl., 55 maps"). *Collaborators ser. 1* (3-5) and *ser. 2*: Arpad von Degen (1866-1934); August von Hayek (1871-1928); Carl Emil Hansen Ostenfeld (1873-1931). *Ser. 3*: Gustave Beauverd (1867-1942); Henry Correvon (1854-1939).

5450. *Les fleurs de la Côte d'Azur* (de Toulon à Menton) ... Paris (Paul Lechevalier éditeur ...) 1926. Oct. (*Fl. Côte d'Azur*).
Publ.: 1926 (printing finished 10 Nov 1925), front., [1]-428, *pl. 1-111. Copy*: USDA. – Encyclopédie pratique du naturaliste 21.

Marschall von Bieberstein, Friedrich August, Freiherr (1768-1826), German explorer and author on the Russian flora. (*M.-Bieb.*).

HERBARIUM and TYPES: The main part of the original collections (8.000-10.000 specimens) is at LE; duplicates e.g. at B (herb. Willdenow), BM, BR, H, HAL, JE, M, OXF, REG.

BIBLIOGRAPHY and BIOGRAPHY: ADB 20: 432; AG 2(1): 192, 7: 249; Backer p. 355; Barnhart 2: 450; BM 3: 1244; Clokie p. 207; Collander hist. p. 21; CSP 4: 249; Dawson p. 624; Frank 3(Anh.): 62; Hortus 3: 1188 ("Bieb."); IH 2: 73, 505; Jackson p. 578; Hegi 4(3): 1544, 5(2): 1258, 5(4): 2312; Herder p. 464; Kew 3: 594; Lasègue p. 575 [index]; Lipschitz 1: 188-190; MW p. 299; NI 1279; Plesch p. 326; PR 5830-5832 (ed. 1: 6530-6533); Rehder 5: 547; RS p. 117; Sotheby 501; TL-2/1: 791-792; TR p. 32-34; Tucker 1: 462; Urban-Berl. p. 330, 414; Zander ed. 10, p. 690, ed. 11, p. 787 (b. 10 Aug 1768, d. 28 Jun 1826).
Baur, K., Jahresh. Ver. vaterl. Naturk. Württemberg 123: 399-400. 1968.
Candolle, Alph. de, Phytographie 431. 1880 (herb.).
Gersdorf, E. G., Leipziger Rep. deut. ausl. Lit. 3(1): 351-353. 1845.
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Jessen, K. F. W., Bot. Gegenw. Vorz. 470. 1884.
Junk, W., Rara 2: 217. 1926-1936.
Kukkonen, I., Herb. Christian Steven 70. 1971 (250 specimens).
Lindemann, E., Bull. Soc. Natur. Moscou 59(1): 277. 1884.
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Poggendorff, J. B., Biogr.-lit. Handw.-Buch 2: 57-58. 1863 (b. 11 Aug 1766, d. 5 Oct 1826).

Pritzel, G. A., Linnaea 19: 457. 1846.
Shetler, S. G., Komarov bot. inst. 230. 1967.
Smol'yaninova, Bot. Zhurn. 50(4): 564-565. 1965.
Stafleu, F. A., Taxon 22: 126-128. 1973.
Steven, C., Flora 9: 688. 1826, 10: 536-543. 1847.

HANDWRITING: S. V. Lipschitz & I. T. Vasilczenko, Central herbarium USSR 91. 1968 (no. 13).

EPONYMY: *Biebersteinia* Stephan (1811).

5451. *Tableau des provinces situées sur la côte occidentale de la Mer caspienne* entre les fleuves Terek et Kour. À St. Petersbourg 1798. Qu. (*Tabl. prov. Mer casp.*).
Publ.: 1798, botanical appendix on p. 111-120. *Copy*: GOET (inf. G. Wagenitz).
German: *Beschreibung der Länder zwischen der Flüssen Terek und Kur,* 1800, n.v., also with botanical appendix. (IDC 793).

5452. *Flora taurico-caucasica* exhibens stirpes phaenogamas, in Chersoneso taurica et regionibus caucasicis sponte crescentes ... Charkouiae [Charkow] (Typis academicis) 1808-1819, 3 vols. Oct. (*Fl. taur.-caucas.*).
1: 1808 (p. vi: Jan 1808), p. [i*-ii*] [i]-vi, [1]-428, [1, err.].
2: 1808, p. [i-ii], [1]-477, [478, err.].
3: Dec 1819 (t.p) or early 1820 (p. iv: Dec 1819; JGLE Apr 1820), p. [i*-ii*], [i]-iv, [1]-654, [1, err.]. "Supplementum continens plantas phanerogamas, per Tauriam atque Caucasum, post edita priora volumina detectas, et in pristinas animadversiones."
Copies: BR, FI, G, MO, NY(2), USDA; IDC 197.
Facsimile ed.: Lehre (J. Cramer) 1972. ISBN 3-7682-0762-5, Historiae naturalis classica 67. *Copies*: FAS, U, US.

5453. *Centuria plantarum rariorum Rossiae meridionalis* praesertim Tauriae et Caucasi iconibus descriptionibusque illustrata ... Charkoviae (Typis academicis) 1810, [parts 2, 3:] St. Petersburg 1832-1843. Fol. (*Cent. pl. Ross. merid.*).
Part 1: 1810, p. [i], *pl. 1-60,* col. copper engr. with text. Seventy copies published.
Part 2: 1832, *pl. 61-70,* id.
Part 3: 1843 (Bot. Zeit. 27 Dec 1844, 8 Mar and 25 Mar 1845), *pl. 71-80,* id.
Copies: G; IDC 196.

Marsden, William (1754-1836), Irish-born British orientalist, numismatist and plant collector; in S. E. Asia 1771-1779; chief-secretary to the British Board of Admiralty 1779-1807. (*Marsden*).

HERBARIUM and TYPES: BM, K.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 355; Barnhart 2: 450 (b. 16 Nov 1754, d. 6 Oct 1836); BB p. 207; BM 3: 1244; Dawson p. 578-582, 907, 945 [index]; Desmond p. 421; DNB 36: 206; Dryander 2: 545; IH 2: 505; Kew 3: 595; Lasègue p. 493, 506; PR (alph.); Rehder 5: 547; SK 1: cxxii, 348; Tucker 1: 462.
Allibone, S. A., Crit. dict. Engl. lit. Brit. Amer. authors 1223-1224. 1870 (q.v. for extensive inf. and for further secondary references).
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Poggendorff, J. C., Biogr.-lit. Handw.-Buch 2: 58. 1863.
Smith, E., Life Joseph Banks 152, 239, 241, 287, 290, 292, 326. 1911.

EPONYMY: *Marsdenia* R. Brown (1810); *Pseudomarsdenia* H. E. Baillon (1890).

5454. *The history of Sumatra,* containing an account of the government, laws, customs, and manners of the native inhabitants, with a description of the natural productions, a relation

of the ancient political state of that island ... London (printed for the author, and sold by Thomas Payne and Son, ...) 1783. Qu. (*Hist. Sumatra*).
Ed. 1: 1783 (Gent. Mag. Jan 1784), map, p. [i]-viii, [1]-375, [1-6, index, err.], chart. *Copies*: MO, Teyler.
Ed. 2: 1784, map, [i]-viii, [1]-373, [1-4, index], [ix]-xii, [1-2, index, err.]. *Copy*: MICH. – The second edition. London (printed for the author, and sold by Thomas Payne and Son, ...) 1784. Qu.
Ed. 3: 1811, map, p. [i]-viii, chart, [1]-479, [1-8, index], *28 pl. Copies*: B-S, MICH, Teyler, UC – The third edition, with corrections, additions, and [27+ 1 unnumb.] plates. London (printed for the author, ... and sold by Longman ... Brown) 1811. Qu. – The Teyler copy has in addition a cancellans p. 463-464.
Ed. 3, facsimile reprint: 1966. *Copy*: MICH. – A reprint of the third edition introduced by John Bastin (p. [i]-[xi]). Kuala Lumpur (Oxford University Press) New York, London, Melbourne. 1966. Qu.

Marsden-Jones, Eric Marsden (1887-1960), British experimental taxonomist; established the Potterne Biological Station, near Devizes, Wiltshire 1923 (-1940); collaborated with W. B. Turrill at Kew. (*Marsden-Jones*).

HERBARIUM and TYPES: K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 450; BL 2: 261, 688; Desmond p. 421; IH 2: 505.
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Ewan, J., Short hist. bot. U.S. 112. 1969.
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Kent, D. H., Brit. herb. 67. 1957.
Turrill, W. B., J. Kew Guild 1960: 812 (b. 8 Mai 1887, d. 26 Aug 1960), Proc. Linn. Soc. London 172: 132-133, 1961.

Marsh, Charles Dwight (1855-1932), American biologist, M. A. Amherst 1880; Dr. phil. Chicago 1904; from 1883-1904 professor of biology in Ripon College; from 1904-1930 plant physiologist at USDA. (*Marsh*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 450 (b. 20 Dec 1855, d. 23 Apr 1932); BM 3: 1245, 7: 798-799; CSP 10: 727, 1. 17369-17371; NAF 28B(2): 344, ser. 2. 6: 69; PH 567.
Anon., Science 75: 506. 1932.
Marsh, F. W., privately published biography of C. D. Marsh, 25 Dec 1935, 18 p. [Charles Dwight Marsh, 1936]. *Copy*: MO.
Oehser, P. H., Science 86: 114-115. 1937.]. *Copy*: MO.
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5455. *The plankton of the Lake Winnebago and Green Lake* ... Madison, Wis. (Published by the State) 1903. Oct. (*Plankt. Lake Winnebago*).
Publ.: Oct 1903 (t.p.), p. [i]-vi, [1]-94, *pl. 1-22. Copies*: G, MO, NY, USDA. – Wisc. geol. nat. Hist. Survey, Bull. 12, Sci. ser. no. 3.

Marshall, [Rev.] **Edward Shearburn** (1858-1919), British clergyman and botanist; M. A. Oxford 1884, ord. 1885; vicar of Milford, Surrey 1890-1900; rector of West Monkton, Som. 1904-1918. (*E. Marsh.*).

HERBARIUM and TYPES: CGE (23.000), duplicates at e.g. BM (5000), DBN, E, K.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 602; Backer p. 656; Barnhart 2: 451; BB p. 207; BL 2: 688 [index]; BM 3: 1245, 7: 800 (q.v. for *Composite works*); Bossert p. 254; Clokie p. 207; CSP 17: 41-43; Desmond p. 422; IH 2: 505; Kew 3: 596-598; Rehder 5: 547; SO 897, 3506; TL-2/2359; Tucker 1: 462.
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Riddelsdell, H. J. et al., Fl. Gloucestershire cxli. 1948.
Wade, A. E., Fl. Monmouthshire 15. 1970.
Wolley-Dod, A. H., Fl. Sussex xlviii. 1970.

COMPOSITE WORKS: With F. J. Hanbury, *Flora of Kent*, 1899, TL-2/2: 2359 (rev. Hedwigia 38 (Beibl.): (145)-(146). 26 Jun 1899).

5456. *A supplement to the flora of Somerset* ... Taunton (published by the Somersetshire archeological and natural history Society) 1914. Oct. (*Suppl. fl. Somerset*).
Publ.: Apr-Jul 1914 (p. iv: Mar 1914; J. Bot. Aug 1914), p. [i]-iv, [1]-242. *Copy*: G.
Ref.: Britten, J., J. Bot. 52: 220-223. 1914.

Marshall, Humphry (1722-1801), American Quaker, botanist, dendrologist, farmer, operator of a grist mill; county treasurer; owner of a commercial botanic garden near present Marshallton, Pa.; correspondent of John Fothergill; cousin of John Bartram. (*Marsh.*).

HERBARIUM and TYPES: DWC; some further material at BM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 451; BB p. 207; BM 3: 1246, 7: 800; DAB (by M. P. Smith); Dawson p. 582-583; Desmond p. 422; Dryander 3: 209-210; Frank 3(Anh.): 62; Henrey 2: 293; Herder p. 464; Hortus 3: 1199 ("Marsh."); HU 674, 694; IH 1 (ed. 6): 361, 2: 505; Jackson p. 359; Kew 3: 598; ME 2: 445, 446, 3: 354, 454; Plesch p. 326; PR 5834 (ed. 1: 6534-6535); Rehder 5: 547; SO add. 724*; Sotheby 502; TL-2/1: 1312; Tucker 1: 462; Zander ed. 10, p. 689, ed. 11, p. 785 (b. 10 Oct 1722, d. 5 Nov 1811).
Allibone, S. A., Crit. dict. Engl. lit. Brit. Amer. authors 1226. 1870.
Anon., Bull. misc. Inf. Kew 1915: 309; Sixth annual hist. commemor. Chester County hist. Soc. Marshallton, 27. Sep 1913, program (in memory of H. Marshall).
Barnhart, J. H., Torreya 9: 246. 1909.
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Hedrick, P., Hist. hortic. America 92, 422. 1950.
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Mears, J. A., Proc. Amer. philos. Soc. 122: 169. 1978 (material in Muhlenberg herb., PH).

Parker, L., Morton Arbor. Quart. 12(1): 10-11. 1976.
Pennell, F. W., Bull. Friends hist. Ass. 24: 77-82. 1935; Bartonia 21. 40. 1942.
Pursh, F., Fl. Amer. sept 1: vi-vii. 1814.
Sargent, C. S., Garden & Forest 6: 461-462. 1893; Silva 8: 39. 1895.
Stafleu, F. A., Taxon 17: 76-78. 1968 (on "Memorials").

EPONYMY: According to several sources *Marshallia* Schreber (1791, *nom. cons.*) was dedicated to H. Marshall, but Schreber himself does not give a derivation of the name. According to correspondence between G. H. E. Muhlenberg (q.v.) and Moses Marshall, cited for instance by J. W. Harshberger, Botanists Philadelphia (1899, p. 103-104), the dedicatee was Moses Marshall (1758-1813), American botanist, nephew of and assistant to Humphry Marshall. The derivation of *Marshallia* J. F. Gmelin (1791, *nom. rej.*) could not be established.
Marshallocereus C. Backeberg (1950) commemorates William Taylor Marshall (1886-1957), American botanist, specialist in the Cactaceae. *Marshallfieldia* Macbride (1929) commemorates Captain Marshall Field (fl. 1920) who sponsored several botanical expeditions to Peru.

5457. *Arbustrum americanum*: the American grove, or, an alphabetical catalogue of forest trees and shrubs, natives of the American United States, arranged according to the Linnaean system. Containing, the particular distinguishing characters of each genus, with plain, simple and familiar descriptions of the manner of growth, appearance, &c. of their several species and varieties. Also, some hints of their uses in medicine, dyes, and domestic oeconomy. Compiled from actual knowledge and observation, and the assistance of botanical authors, by Humphry Marshall. Philadelphia (printed by Joseph Crukshank . . .) 1785. Oct. (in fours). (*Arbust. amer.*)
Publ.: Dec 1785 (Ewan 1967), p. [i]-xx, [1]-174. *Copies*: BM (Bloomsbury), HU (2), NY, US, USDA; IDC 7587.
Facsimile ed.: New York and London (Hafner Publishing Company) 1967, Classica botanica americana vol. 1, with introduction (p. v- xii) by J. Ewan, and followed by a facsimile of the French translation (see below). *Copies*: FAS. – Title corrected to "Arbustum . . ."
French ed.: "*Catalogue alphabétique des arbres et arbrissaux,* qui croissent naturellement dans les Etats-Units de l'Amérique septentrionale, arrangés selon le systême de Linné; contenant les caractères particuliers qui distinguent les genres auxquels ils sont rapportés, avec des descriptions claires & familières de leur manière de croître, de leur forme extérieure, &c., leurs différentes espèces & variétés: on y fait aussi mention de leurs usages en médecine, & de leur emploi dans les teintures & l'économie domestique. Traduit de l'anglais, de M. Humphry Marshall, avec des notes & observations sur la culture; par M. Lézermes, adjoint à la direction des pépinières du roi. Paris (Chez Cuchet . . .) 1788. Oct. (*Cat. alph. arbr.*). *Translator*: Lézermes, assistant arborist to the King of France; no other details known.
Publ.: 1788 (priv. 16 Apr 1788), p. [i]-vii, [viii], [i]-xxvi ["xxil"], [1]-278, [1-2, priv.; 1, err.]. *Copies*: G, HU, MO, NY, USDA.
German ed.: 1788, n.v. – "*Beschreibung der wildwachsenden Bäume* und Staudengewächse in den *Vereinigten Staaten* von Nordamerika . . . Aus dem Englischen mit Anmerkungen und Zusätzen durch C. F. Hoffmann, Leipzig 1788. (*Beschr. Bäume Ver. Stat.*) – *Translator*: Carl Friedrich Hoffmann.
Ref.: Anon., Mon. Rev. 79: 74. 1786[?] (rev.).

Marshall, Joseph Jewison (1860-1934), British bryologist and pharmaceutical chemist (*J. Marsh.*).

HERBARIUM and TYPES: HUL (destroyed); bryophytes with Lincolnshire Naturalist's Union (fide Desmond).

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1246; Desmond p. 422.

Anon., Trans. Lincolnshire Natural. Union 1933: 190 (d. 12 Apr 1934). 1934.
Scott, L. E., Naturalist 879: 158. 1961.

Seaward, M. R. D., Naturalist 883: 133-136. 1962; 889: 67-68. 1964 (descr. coll. Yorks. Nat. Union.).
Shaw, G. A., Naturalist 924: 3-4. 1970.
Sheppard, T., Naturalist 932: 209. 1934 (coll. HULL).

COMPOSITE WORKS: Contributed *A list of the mosses of the Riding* to J. F. Robinson, *The flora of the East Riding of Yorkshire*, London 1902, q.v.

Marshall, [Caroline] Nina Lovering (1861-1921), American mycologist. (*N. Marsh.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 451; (b. 28 Mai 1861); Kelly p. 143; Lenley p. 281; LS 36621; NAF 9(6): 442; Stevenson p. 1250.
Burk, W. R., Bibl. N. Amer. Gasteromyc. 1: 115-117. 1980.

5458. *The mushroom book.* A popular guide to the identification and study of our commoner fungi, with special emphasis on the edible varieties. By Nina L. Marshall. With many illustrations in color and black and white photographed from nature by J. A. & H. C. Anderson. New York (Doubleday, Page & Co.) 1901. Oct. (*Mushroom book*).
Ed. 1: Mar 1901 (Torreya 25 Mar 1901; TBC 27 Mar 1901; Bot. Centralbl. 27 Mar 1901; Bot. Gaz. 18 Mai 1901; Nat. Nov. Jul(2) 1901),2 photos, p. [i]-xxvi, 1-167, *pl. 1-48* (not numbered but numbers assigned to them on p. xvii-xx). *Copies*: L, Stevenson, US(2), USDA.
Re-issue: 1902, as ed. 1. *Copies*: BR, NY.
Re-issue: 1904, 2 photos, p. [i]-xxviii, 1-170, *pl. 1-64. Copies*: NY, Stevenson.
Re-issue: 1910, 2 photos, p. [i]-xxxviii, 1-170, *pl. 1-58. Copy*: USDA.
Ed. [*3?*]: Garden City, New York (Doubleday, Page & Company 1923, p. [i]-xxx, 1-173, plates as in ed. 1. *Copy*: Stevenson.
Ref.: Davis, Bot. Gaz. 31: 358-359. 1901.

5459. *Mosses and lichens.* A popular guide to the identification and study of our commoner mosses and lichens, their uses, and methods of preserving . . . New York (Doubleday, Page & Company) 1907. (*Moss. lich.*).
Publ.: Nov-Dec 1907 (TBC 17 Dec 1907; Bryologist 2 Jan 1908), p. [i]-xviii, [1]-327, *col. pl. 1-16, pl. 1-32. Copies*: MO, NY, USDA.

Marshall, Reginald Charles (1893- ?), British forester; conservator of forests, Trinidad and Tobago (*R. Marsh.*).

HERBARIUM and TYPES: K, NY, TRIN.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 452; BL 1: 261, 307; IH 2: 505.

5460. *Trees of Trinidad and Tobago* . . . Trinidad, Port of Spain (Printed for the Government Printer, Government Printing Office) 1934. (*Trees Trinidad Tobago*).
Publ.: 1934, p. [1*], [i]-ii, [1]-2, [3], [1]-101, [i]-viii (index), *20 pl.* (uncol., by I. M. M., Mrc. R. C. Marshall). *Copies*: US, USDA.

Marshall, William (1815-1890), British solicitor and botanist. (*W. Marsh.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 909; Barnhart 2: 452; BB p. 207; BM 3: 1246; Dawson p. 495; Desmond p. 423; Hortus 3: 119 ("Marsh., E. W."); Jackson p. 123, 211; Kew 3: 599; LS 16950-16952; PR 5835; Rehder 5: 547.
Dörfler, J., Botaniker-Adressbuch 84. 1896 (solicitor at Ely).

5461. The new water-weed; *Anacharis Alsinastrum.* Some acccount of it: . . . London (William Pamplin, . . .) 1852. Oct. (*Anacharis Alsinastrum*).

Publ.: 1852 (p. 16: 30 Aug 1852; Bonplandia 15 Jan 1853), p. [1]-16. – Reprinted from the "Cambridge independent Press." *Copies*: G, MO.
Ref.: Hooker, W. J., J. Bot. Kew Garden Misc. 4: 320. Oct 1852.
Schlechtendal, D. F. L. von, Bot. Zeit. 12: 203-204. 24 Mar 1854.

Marsili, Giovanni (1727-1794), Italian botanist; professor of botany and curator of the Padua botanic garden. (*Marsili*).

HERBARIUM and TYPES: PAD.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 656; BM 3: 1247; CSP 4: 251; Dryander 3: 281, 326, 356; Hortus 3: 1199 ("Marsili"); Jackson p. 435; LS 16956; PR 5837-5839 (ed. 1: 6541-6543); Rehder 5: 547; Saccardo 1: 104, 2: 68, 125; Tucker 1: 463; Zander ed. 10, p. 689, ed. 11, p. 785.
Fries, T. M., Bref Skrifv. Linné 1(3): 68. 1909.
Gager, C. S., Brooklyn Bot. Gard. Rec. 27(3): 277. 1938 (dir. Padova bot. gard. 1760-1764).
Stafleu, F. A., *in* G. H. M. Lawrence, ed., Adanson 1: 298. 1963.

EPONYMY: *Marsilaea* Necker (1775), *Marsilea* Linnaeus (1753) and *Marsilidium* Schenk (1871) commemorate Luigi Ferdinando Marsigli (1656-1730), Italian botanist, author of *Dissertatio de generatione fungorum*, Roma, 1714.

5462. *Fungi carrariensis historia* [p. xl: Patavii (Padua) Apud Jo. Baptistam Penada . . . 1766] Qu. (*Fung. carrar. hist.*).
Publ.: Sep-Dec 1766 (p. xviii: kal. Sep 1766), p. [i]-xl, *1 pl.* (uncol. copp.). *Copies*: B-S, FI.

5463. *Notizie inedite scritte da Giovanni Marsili* . . . Padova (Tip. Cartallier e Sicca) 1840. Oct. (*Not. ined.*).
Publ.: 1840 (p. 5: 22 Mar 1840), p. [1]-23. *Copy*: G.

5464. *Notizie del publico giardino de' semplici di Padova* compilato intorno l'anno 1771 da Giovanni Marsili . . . Padova (Coi tipi del seminario) 1840. Oct. (*Not. giard. sempl. Padova*).
Publ.: 1840, p. [3]-30. *Copy*: G.

Marsilly, Louis Joseph Auguste de Commines de (1811-1890), French army officer, mathematician and botanist. (*Marsilly*).

HERBARIUM and TYPES: Some material at P.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 452; BL 2: 140, 689; BM 3: 1247; CSP 7: 422, 10: 731, 12: 165, 14: 323; IH 2: 506; Jackson p. 282; PFC 1: xlviii; Saccardo 1: 10, cron. p. xxvi; Tucker 1: 463.
Cosson, E., Comp. fl. atl. 1: 69. 1881.
Cosson & Durieu, Exp. Sci. Alg., Bot. 2: xxxvii. 1868.
Maire, R., Progr. connaiss. bot. Algérie 85-86. 1931.

5465. *Catalogue des plantes vasculaires* indigènes ou généralement cultivées *en Corse* suivant l'ordre adopté dans la Flore de France de MM. Grenier et Godron avec l'indication des stations et des époques de floraison par L. J. A. de C. de Marsilly avec le concours de MM. E. Revelière et P. Mabille. Paris (G. Masson, . . .) et en Corse chez tous les principaux libraires 1872. Qu. (*Cat. pl. vasc. Corse*).
Collaborators: Eugène Revelière (1822-1892), Paul Mabille (1835-1923), for the Flore de France of Grenier et Godron see TL-2/1: 2154.
Publ.: 1872 (J. Bot. Oct 1872; BSbF Nov 1872), p. [i-iii], [1]-203, map. *Copy*: USDA.

Marsson, [Karl] **Maximilian** (1845-1909), German algologist; son of Theodor Friedrich M.; from 1874-1893 pharmacist at Kreuznach, Düsseldorf and Leipzig; from 1893 devoting himself entirely to cryptogamy; from 1898-1909 in Berlin acting as expert on water pollution. (*M. Marsson*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 452; LS 36622; Nordstedt suppl. p. 10, 11.
Anon., Ber. deut. bot. Ges. 27: 144. 1910; Bot. Not. 1910: 16. (d. 13 Dec 1909), Hedwigia 49(Beibl.): (133). 1910 (d.).
Kolkwitz, R., Ber. deut. bot. Ges. 27: (91)-(96). 1909 (biogr., bibl., portr., b. 26 Jun 1845, d. 13 Dec 1909), Verh. bot. Ver. Brandenburg 51: (160)-(166). 1910 (id.).

EPONYMY: *Marssoniella* E. Lemmermann (1900).

Marsson, Theodor Friedrich (1816-1892), German pharmacist, botanist and palaeontologist; pharmacist at Wolgast 1842-1867; Dr. phil. h.c. Greifswald 1856; from 1867 at Greifswald working as a private scientist. (*T. Marsson*).

HERBARIUM and TYPES: GFW; fossil collections (Cretaceous) at the former Geologische Landesanstalt, Berlin. Some further material at DBN.

BIBLIOGRAPHY and BIOGRAPHY: ADB 52: 218-219; AG 2(1): 140; Barnhart 2: 452; BFM 100; BM 3: 1247; CSP 4: 251-252, 8: 339, 10: 731, 12: 487, 17: 45; Herder p. 464; IH 2: 506; Jackson p. 308; Kew 3: 599; Morren ed. 10, p. 13; PR 5840; Quenstedt p. 281; Rehder 5: 547; Tucker 1: 463; Urban-Berl. p. 373.
Anon., Bonplandia 5: 30. 1857 (dr. h.c. Greifswald); Bot. Centralbl. 49: 286. 1892 (d.); Bot. Jahrb. 15, Beibl. 34: 17; Bot. Not. 1893: 93 (d.); Greifswalder Tageblatt 6 Feb 1892 (fide L.L.); Kreis-Anzeiger f.d. Kreis Greifswald 7 Feb 1892 (fide L.L.); Leopoldina 28: 57. 1892 (d.); Nat. Nov. 14: 80. 1892 (d.); Naturw. Wochenschr. 7(8): 79. 1892 (d. 5 Feb 1892); Österr. bot. Z. 42: 151. 1892 (d.); Verh. bot. Ver. Brandenb. 33: lxxvi. 1892 (d. 5 Feb 1892).
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L. L., Mitt. naturw. Ver. Neu-Vorpommern und Rügen 24: 1-14. 1892 (bibl.; b. 8 Nov 1816, d. 5 Feb 1892).
Nelson, E. C., Glasra 4: 55. 1980 (pl. DBN).
Poggendorff, J. C., Biogr.-lit. Handw.-Buch 2: 59. 1863 (b. 8 Nov 1816)
VanLandingham, S. L., Cat. Diat. 6: 3566. 1978, 7: 4202. 1978.
Wittrock, V. B., Acta Horti Berg. 3(3): 144, *pl. 126*. 1905 (portr.; b. 8 Nov 1816).

EPONYMY: *Cyclomarsonina* [sic] F. Petrak (1965); *Marssonia* H. Karsten (1860); *Marssonia* J. C. Fischer (1874); *Marssoniella* F. von Höhnel (1916); *Marssonina* P. Magnus (1906).

5466. *Flora von Neu-Vorpommern* und den Inseln Rügen und Usedom ... Leipzig (Verlag von Wilhelm Engelmann) 1869. Oct. (*Fl. Neu-Vorpommern*).
Publ.: Jan 1869 (p. vi: Oct 1868; ÖbZ 1 Jan 1869; Flora 24 Feb 1869 "Neuigkeit"; Bot. Zeit. 26 Feb 1869 "neu"), p. [i]-vi, [1]-26, [1]-650. *Copies*: B, G, NY.
Ref.: Münter, Österr. bot. Z. 19: 18-20. Jan 1869.
Winter, Flora 53: 442-448, 449-458. 1870.

Martel, Eduardo (1846-1929), Italian botanist and high school teacher at Torino; ultimately at Finalmarina. (*Martel*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Bossert p. 254; CSP 17: 47; De Toni 1: lxxxi; DTS 1: 182, xxi; GR p. 518 (b. 21 Sep 1846, d. 6 Feb 1929), cat. p. 67; Jackson p. 496; Morren ed. 10, 81; Nordstedt p. 22; Saccardo 1: 104.
Dörfler, J., Botaniker-Adressbuch 99. 1896.

5467. *Contribuzione alla conoscenza dell' algologia romana* ... Roma (Tipografia della R. Accademia dei Lincei ...) 1885. Qu.
Publ.: 1885 (BSbF Sep-Dec 1885), p. [1]-21. *Copy*: FI. – Reprinted and to be cited from Annu. Ist. bot. Roma 1(2): 182-200. 1885.

5468. *Contribuzioni all' algologia italiana* ... Venezia (Stab. Tipo-litogr. di M. Fontana) 1887.
Publ.: 1887, p. [1]-7. *Copy*: FI.– Reprinted and to be cited from Notarisia 2: 237 bis-342 bis. 1887. Further contribution: Annu. Ist. bot. Roma 3: 1-11. 1888.

Martelli, Niccolo [Martellius Nicolaus] (x-1829), Italian professor of botany at Rome. (*N. Martelli*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: HU 629; Jackson p. 320; Kew 3: 599; Plesch p. 326; PR 5841 (ed. 1: 6545); Saccardo 1: 104; TL 1: 122; TL-2/1: 634; Tucker 1: 463.
Anon., Flora 12: 240. 1829.
Gager, C. S., Brooklyn Bot. Gard. Rec. 27: 287. 1938 (dir. of bot. gard. Roma 1777-1805).
Geremicca, M., Bull. Orto bot. Napoli 3: 65. 1913.

COMPOSITE WORKS: Co-author (with L. and C. Sabbati) of volumes 2-7 of Bonelli, *Hortus romanus* (TL-2/1: 634). *Further copies*: FI, FI-BN.

EPONYMY: The derivation of *Martella* Endlicher (1836) and *Martella* Adanson ex Kuntze (1898) could not be established.

5469. *Braschiae plantae* novi generis descriptio nomini majestatique Pii Sexti p.m. dicata. Romae (ex Typographia Joannis Zempel ...) [1791]. (*Braschiae pl.*).
Publ.: 1791, p. [i]-xx, *1 pl.* (uncol. copp.). *Copies*: FI, G. ("Libellus rarissimus" PR. – Pritzel saw also only the Candolle copy, now at G).

Martelli, Ugolino (1860-1934), Italian botanist, "gentiluomo di nobilissimo casato", hence independent, at Pisa and Florence; founder of Webbia. (1905). (*Martelli*).

HERBARIUM and TYPES: FI (90.000, incl. O. Beccari's palm herbarium); further material at DBN, GE, PI, POR, PAD (fungi), SASSA.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 197, 12(3): 5; Backer p. 656; Barnhart 2: 452; BJI 2: 112-113; BL 1: 34, 35, 307; 2: 360, 387, 688; BM 3: 1247-1248, 7: 802; Bossert p. 254; CSP 10: 731, 17: 48; De Toni 1: lxxxi-lxxxii, 2: lxxviii-lxxix; GR p. 534; Hirsch p. 190; Hortus 3: 1199 ("Martelli"); IH 1(ed. 6): 361, 2: 506; Kew 3: 599-600; Lenley p. 281; LS 16957-16976; Morren ed. 10, p. 84; MW p. 300, suppl. p. 217; NI (alph.); Rehder 5: 548; Saccardo 1: 104; SBC p. 126 ("Martelli"); SK 4: cxii; TL-2/381, 382, 4275; Tucker 1: 463.
Anon., Nat. Nov. 20: 146. 1898 (habil. Pisa).
Chiarugi, A., Atti. Soc. toscan. Sci. nat. Proc. Verb. 44(4): 79-87. 1935 (bibl.).
Dörfler, J., Botaniker-Adressbuch 99. 1896.
Gager, C. S., Brooklyn Bot. Gard. Rec. 27(3): 283. 1938 (acting dir. Pisa bot. gard. 1929-1930).
Gagnepain, F., *in* H. Lecomte, Fl. gén. Indochine tome prél. 44-45. 1944.
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. Herb. 108. 1970.
Merrill, E. D., Enum. Philipp. pl. 4: 203. 1926; B. P. Bishop Mus. Bull. 144: 131-132. 1937 (Polynes. bibl.); Contr. U.S. natl. Herb. 30: 204-206. 1947; Chron. bot. 14: 328, 355. 1954.
Negri, G., Nuovo Giorn. bot. Ital. ser. 2. 42(1): 1-16. 1935 (biogr., bibl., portr., b. 11 Sep 1860, d. 25 Nov 1934).
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Stearn, W. T., J. Bot. 73: 137-138. 1935.
Verdoorn, F., Chron. bot. 1: 197, 200. 1935.

COMPOSITE WORKS: (1) Lecomte, H., *Fl. gén. Indochine, Pandanaceae* 6(8): 1056-1069. Dec 1937.
(2) editor of *Webbia,* 1-5, 1905-1923.

EPONYMY: *Martellia* Mattirolo (1900).

5470. *Florula bogosensis*. Enumerazione delle piante dei Bogos [Ethiopia] raccolte dal dott. O. Beccari nel'anno 1870 con descrizione delle specie nuove o poco note per cura di Ugolino Martelli. Firenze (Tipografia di Mariano Ricci ...) 1886. Oct. (*Fl. bogos.*).
Collector: Odoardo Beccari (1843-1920).
Publ.: Jun 1886 (p. vii: 22 Mai 1886; BSbF 23 Jul 1886; Nat. Nov. Sep(1) 1886; J. Bot. Dec 1886; Bot. Zeit. 31 Dec 1886), p. [i]-vii, [1]-169, [170, err.], *pl. 1*. *Copies*: FI, G, MICH, MO, USDA.
Ref.: Penzig, O., Bot. Centralbl. 32: 112-113. 1887 (rev.).

5471. *Rivista critica delle specie e varietà italiane del genere Statice* ... Firenze (Tipografia di Mariano Ricci ...) 1887. Oct. (*Riv. sp. ital. Statice*).
Publ.: 1887 (BSbF 11 Nov 1887; Nat. Nov. Feb (2) 1888), p. [i]-v, [1]-22. *Copy*: FI.

5472. *Rivista monografica del genere Androsace* in rapporto alle specie italiane ... Firenze (Tipografia di Mariano Ricci ...) 1890. Oct. (*Riv. Androsace*).
Publ.: Dec 1889 or Jan 1890 (Nat. Nov. Jan (2) 1890), p. [1]-40. *Copy*: FI.

5473. *Astragali italiani*. Osservazioni critiche ... Firenze (Stabilimento di Giuseppe Pellas ...) 1892. Oct. (*Astrag. ital.*).
Publ.: 1892, p. [1]-15, [1, list photos], *photos 1-8*. *Copies*: FI, G.

5474. *Monocotyledones Sardoae* sive ad floram Sardoam Josephi Hyacinthi Moris per Ugolino Martelli continuatio. Firenze (Tipografia Luigi Niccolai) 1896. Qu. (*Monocot. Sardoae*).
Fasc. 1: Jul-Aug 1896 (p. viii: Jul 1896; Nat. Nov Sep(1) 1896; Bot. Zeit. 16 Sep 1896), p. [i]-viii, 1-76, *pl. 1-3* (uncol. liths. A. Petri).
Fasc. 2: 1901 (G rd. Jul 1902; Bot. Zeit. Feb 1902), p. 77-115, *pl. 4-7* (id.).
Fasc. 3: 1904 (G rd. Dec 1904; Nat. Nov. Jan(1) 1905), p. [i], 117-152, *pl. 8-10* (id.). Imprint: Rocca G. Caseiano (Stab. tipografico Licinio Cappelli).
Copies: FI, G, MO, NY. – Continuation of Guiseppe Giacinto Moris (1796-1869), *Flora sardoa*, 3 vols. 1837-1859, see no. 6329.

5475. *Le collezioni di Giorgio Everardo Rumpf* acquistate dal Granduca Cossimo iii de'Medici una volta esistenti nel Museo di fisica e storia naturale di Firenze. Estratto da un Catalogo manoscritto dal prof. Giovanni Targioni-Tozzetti per cura di Ugolino Martelli ... Firenze (Tipografia Luigi Niccolai) 1903. Qu. (*Coll. Rumpf*).
Original author: Giovanni Targioni-Tozzetti (1712-1783); collector: Georg Everhard Rumph (Rumphius) (1627-1702).
Publ.: 1903, p. [i], [1]-213. *Copies*: FI, NY, USDA.

5476. *Pandanus*. Nuove specie descritte da Ugolino Martelli ... [Firenze] (Stab. Pellas, ...) 1905-1907. Oct.
Manip. 1: 1905, p. [1]-11. *Copies*: FI, G. – Webbia 1: 361-371. 1905. To be cited from journal.
Manip. 2: Webbia 2: 423-439. 1907 (Nat. Nov. Mai(1) 1908). To be cited from journal; no reprint known to us.

5477. *Enumerazione delle "Pandanaceae"* ... Firenze (Tipografia di M. Ricci ...) 1913. Oct. (*Enum. Pandan.*).
Publ.: Jun 1913, p. [3]-105, *pl. 1-17* (uncol.). *Copies*: FI, L. – Reprinted from Webbia 4(1): [5]-105, *pl. 27-43*. Jun 1913. – See also Webbia 4(2): 399-435, *pl. 18-43*. (Mai 1914) for a list of the new taxa.

Martens, Eduard (Karl) **von** (1831-1904), German zoologist and botanist, son of Georg Matthias Martens; Dr. med. Tübingen 1855; assistant at the Zoological Museum of the University of Berlin 1856, from 1859 custos; zoologist and botanist on the Prussian expedition on the Thétis (1860-1862); from 1862-1864 travelling in Indonesia; professor of zoology at the University of Berlin 1874, interim and later second director of the Zoological Museum from 1883; Geheimrath 1898. (*E. Martens*).

HERBARIUM and TYPES: B, BR, HBG, KIEL, L, W.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 690; Barnhart 2: 452; BM 3: 1248-1249; Bossert p. 254; Bret. p. 941; CSP 4: 252, 8: 339-342, 10: 731-733, 12: 487-488; 17: 48-51; IH 2: 506; PR 5842; SK 1: 348-349; Urban-Berl. p. 266, 271, 279, 289, 307, 321, 373.

Anon., Hedwigia 44(Beibl. 1): (51). 1904 (d.); Leopoldina 40: 77. 1907 (d. 14 Aug 1904; obit.); Nat. Nov. 9: 134. 1887 (second dir. Zool. Mus., Berlin).

Becker, K. & E. Schumacher, S. B. Ges. naturf. Fr. Berlin ser. 2. 13(2): 143. 1973 (bibl. publ. M in publ. of the society).

Klunzinger, C. B., Jahresh. Ver. vaterl. Naturk. Württemberg 61: xlvi-l. 1905 (obit.).

Kobelt, W., J. Conchol. 11: 171-173. 1905 (obit.), Nachrichtsbl. deut. Malakozool. Ges. [Arch. Molluskenk., Frankfurt] 1: 6-10. 1905.

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Sirks, M. J., Ind. natuurond. 299 [index]. 1915.

Smith, E. A., Proc. malac. Soc. London 6: 251-252. 1905 (obit.).

FESTSCHRIFT: Beiheft zum *Archiv für Naturgeschichte* vol. 67, Berlin 18 Apr 1901 (p. [i*-iii*], portr., [i]-viii, [1]-346, *pl. 1-11, copy*: USDA), with biographical sketch of M by M. Meissner, p. i-viii (bibl., portr.).

NOTE: (1) M's sister Louise von Martens (1828-1894) illustrated many of his zoological publications and provided also the plates for "Die preussische Expedition nach Ostasien" (Thétis). Louise von M. provided the plates mentioned by us under our no. 1636.
(2) Not to be confused with Édouard Martens, botanist at the University of Louvain [Leuven], (1831-1904), son of Martin Martens (1797-1863).

5478. *Ueberblick der flora arctica* von Eduard v. Martens Med. Dr. [Regensburg 1859]. Qu. (*Ueberbl. fl. arct.*).
Publ.: 1859, p. [1]-44. *Copies*: FI, NY. – Reprinted from Denkschr. Regensb. bot. Ges. 4: 1-44. 1859.

Martens, Georg Matthias von (1788-1872), German botanist; government official; studied law at Tübingen 1807-1810; from 1811-1855 secretary of the "Oberjustizkollegium", from 1836 with the title "Kanzleirat", at Stuttgart; Dr. phil. h.c. Tübingen 1863. (*G. Martens*).

HERBARIUM and TYPES: B (almost entirely destroyed). Duplicates: C, FI, FR, HBG, L, OXF, STU. *Exsiccatae*: see Rabenhorst (*Algae marinae siccatae*). Koster cites LE as location for types of algae.

BIBLIOGRAPHY and BIOGRAPHY: ADB 20: 467; AG 2(1): 690; Barnhart 2: 452; BM 3: 1249; Bossert p. 254; Clokie p. 207; CSP 4: 252-253, 8: 342, 10: 733; De Toni 1: lxxxii; DTS 1: 182, 6(4): 13, 169; GR p. 110; Herder p. 54, 179, 188; Hortus 3: 1199 ("Martens, G."); IH 2: 506; Jackson p. 312, 378; Kew 3: 601; KR p. 496; LS 16978-16979; PR 5844-5849 (ed. 1: 6547); Rehder 5: 548; Saccardo 1: 105, 2: 68; TL-2/4270; Urban-Berl. p. 48, 266, 271, 279, 289, 307, 373; Zander ed. 10, p. 689, ed. 11, p. 786.

Anon., Bonplandia 3: 32. 1855, 6: 48. 1858 (cognomen in Leopoldina: Scopoli II); Bot. Not. 1873: 28 (d. 24 Feb 1872); Flora 55: 256. 1872; Bot. Zeit. 30: 302-304. 1872; Hedwigia 11: 80. 1872; J. Bot. 10: 224. 1872; Leopoldina 7: 91. 1872; Österr. bot. Z. 22: 238. 1872 (d.); Zool. Gart. 13: 96. 1892 (d.).

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Künkele, S. & S. Seybold, Jahresh. Ges. Naturk. Württemberg 125: 156. 1970 (herb. to B 1880; now destroyed except for incidental specimens; duplicata still in STU and in herb. Landw. Ver., Stuttgart).
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Martens, G. M. & C. A. Kemmler, Fl. Württemberg ed. 2. 780. 1865.
Metzger, E., Jahresber. Württ. Ver. Handelsgeogr. 7-8: 141-142. 1890 (bibl.)
Müller, R. H. W. & R. Zaunick, Friedrich Traugott Kützing 67, 100, 146, 152, 164, 224, 227, 228. 1960.
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Urban, I., Bot. Jahrb. 14. Beibl. 32: 28. 1891.
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EPONYMY: *Martensia* Hering (1841, *nom. cons.*). *Note*: *Martensia* Giseke (1792, *nom. rej.*) is dedicated to Friedrich Martens, German physician and explorer, who visited Spitzbergen and Greenland in 1671.

5479. *Reise nach Venedig* ... Ulm (in der Stettin'schen Buchhandlung) 1824, 2 vols. Oct. (*Reise Venedig*).
1: 1824, frontisp., p. [i]-xiv, [1]-472.
2: 1824, frontisp., p. [i]-vi, [1]-664, *Flora veneta* on p. 539-648; (2 copper engr., 7 liths.).
Copy: NY. – Contains a review of the writings on the flora of Venetia from 1561.
Ref.: Anon., Flora 9: 289-304. 1826, 11: 510 (footnote). 1828.

5480. *Flora von Würtemberg* von Gustav Schübler ... und Georg von Martens ... Mit einer Charte der Umgebungen von Tübingen. Tübingen (bei C. F. Osiander) 1834. Duod. (in sixes). (*Fl. Würtemberg*).
Authorship: senior author of *ed. 1*: Gustav Schübler (1787-1834), of *ed. 2*: G. M. von Martens, *ed. 3*: Carl Albert Kemmler (1813-1888); Kemmler was junior author of ed. 2.
Ed. 1: Oct-Dec 1834 (p. 6: 10 Sep 1834; Flora rd. 28 Dec 1834), p. [i], [1]-6, [i]-xxxii, [1]-695, [695], map. *Copy*: NY.
Ed. 2: Jan 1865 ("neu" Flora 4 Feb 1865, rev. 12 Mai 1866), p. [i*-ii*], [i]-cxiv, [1]-844, map. *Copies*: BR, G, NY, – "*Flora von Württemberg und Hohenzollern* von Georg von Martens ... und Carl Albert Kemmler ... Zweite ganz umbearbeitete Auflage der Flora von Württemberg [sic] von Schübler und von Martens." Tübingen (Verlag der Osiander'schen Buchhandlung) 1865. Duod.
Ed. 2, neue Ausgabe: 1872 (Bot. Zeit. 5 Jul 1872), p. [i*], [i]-cxiv, [1]-844, map. *Copies*: G, STU. – "Neue Ausgabe" Heilbronn (Albert Scheurlen's Verlag) 1872. Duod. This edition is identical (except for t.p.) with the 1865 ed. (S. Seybold).
Ed. 3: Jun-Nov 1882, in 12 parts. "Dritte Auflage, aufs neue durchgesehen und ergänzt von Carl Albert Kemmler ..." Heilbronn (Verlag von Gebr. Henniger) 1882. Oct. 2 vols. *Copies*: B, G, M, NY.
Erster Theil: 1882 (p. vi: 25 Jul 1882; J. Bot. Jan 1883), p. [i]-cxxiii, [1, expl. pl.], [1]-296.
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Ref.: Freyn, J. F., Bot. Centralbl. 13(7): 237-238. 1883 (rev. ed. 3).

5481. *Amansia jungermannoides*; aufgestellt von Herrn v. Martens und Apotheker Hering in Stuttgart ... [Besonderer Abdruck aus der allgem. botan. Zeit. 1836. B. ii]. Oct.
Publ.: 21 Aug 1836, p. [1]-7, *1 pl.* (uncol. copp.). *Copy*: FI. – Reprinted and to be cited from Flora 19: 481-487. 21 Aug 1836. *Followed by*: *Amphiroa pustulata*: ... (id), p. 8-12, *1 pl.* (id.),. reprinted and to be cited from Flora 19: 487-491. 21 Aug 1936.

5482. *Die Gartenbohnen.* Ihre Verbreitung, Cultur und Benützung ... Stuttgart (Verlag von Ebner & Seubert) 1860. Qu. (*Gartenbohnen*).
Ed. 1: Dec 1859 (t.p. "1860"; Flora received a copy in Dec 1859), [i]-viii, [1]-92, *pl. 1-12* (col. liths.). *Copies*: G, NY, USDA.
Ed. 2: 1869, front., p. [i]-viii, [1]-105, [106, cont.], *pl. 1-12* (col.). *Copies*: L, USDA. – "Zweite vermehrte Ausgabe" Ravensburg (Druck und Verlag von Eugen Ulmer) 1869. Qu.

Ref.: Anon., Flora 42: 768. 28 Dec 1859, 43: 281-287. 14 Mai 1860; Bull. Soc. bot. France 6: 827-830. 1860.
Klotzsch, F., Bonplandia 8: 72. 1 Mar 1860 (rev.).
Schlechtendal, D. F. L. von, Bot. Zeit. 18: 39. 27 Jan 1860.

5483. *Die Preussische Expedition nach Ost-Asien.* Nach amtlichen Quellen. Botanischer Theil. *Die Tange.* Mit viii Illustrationen ... Berlin (Verlag der königlichen geheimen Ober-Hofbuchdruckerei, R. v. Decker) 1866 [i.e. 1868]. Oct. (*Preuss. Exped. Ost-As., Tange*).
Publ.: Jan 1868 (t.p. 1866; see below), p. [i, iii], [1]-152, *pl. 1-8* (uncol. liths. by Schmidt). *Copies*: B, FH, G, NY, US, USDA. *Note on date*: De Bary (Bot. Zeit. 26: 332-334. 15 Mai 1868) "Unseres Wissens aber erst 1868 ausgegeben." Further indications: Anon. (advertisement!) Bot. Zeit. 26: 152. 28 Feb 1868 "ist soeben erschienen"; Flora rd. Jan-Mar 1868, "neu" 11 Apr 1868; BSbF rev. after 7 Feb 1868; "In unserem Verlage ist soeben Erschienen ..." Adv. dated Berlin 8 Feb 1868 in ÖbZ 18: 106. 1868, see also 18: 406-407. 1868.

5484. *Conspectus algarum brasiliae* hactenus detectarum ... [Kjöbenhavn 1870]. Oct. (*Consp. alg. bras.*).
Publ.: 1870 (submitted 1 Jun 1870), p. [1]-18. *Copy*: G. – Reprinted from Vid. Medd. nat. For. Kjöbenhavn 1870: 297-314.

5485. *Algae brasilienses* circa Rio de Janeiro a clar. A. Glaziou, horti publici directore, botanico indefesso, annis 1869 et 1870 collectae ... [Kjöbenhavn 1871] Oct.
Collector: Auguste François Marie (1828-1906).
Publ.: 1871 (submitted 3 Feb 1871), p. [1]-5. *Copies*: G, H. – Reprinted and to be cited from Vid. Med. nat. For. Kjöbenhavn 1871 (8-10): 144-148. 1871.

Martens, Martin (1797-1863), Belgian botanist at Leuven and Brussels; born in Maastricht, Netherlands; studied medicine at Liège; from 1823-1835 practicing physician at Maastricht; professor of chemistry and botany at Louvain (Leuven) 1835-1863. (*M. Martens*).

HERBARIUM and TYPES: Some material at BR.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 453; BM 3: 1249; CSP 4: 253-255; Herder p. 166, 270; Hortus 3: 1199 ("Martens, M."); IF p. 717; IH 2: 506; Jackson p. 368; Kew 3: 601; Langman p. 476; PR 5850-5851 (ed. 1: 6548-6549); Rehder 5: 548; RS p. 117; Tucker 1: 463; Zander ed. 11, p. 786.
Anon., Flora 46: 285. 1863; Bot. Zeit. 21. 159. 1863; Österr. bot. Z. 13: 166. 1863 (d. 8 Feb 1863).
Candolle, A. P. de, Phytographie 432. 1880 (herb. with E. Martens at Louvain).
Crépin, F., Guide bot. Belg. 243, 460. 1878.
Piré, L., Bull. Soc. Bot. Belg. 2(1): 67-71. 1863 (repr. p. 1-6).
Poggendorff, J. C., Biogr.-lit. Handw.-Buch 4(2): 62. 1904 (b. 8 Dec 1797, bibl.).
Seemann, B., J. Bot. 1: 224. 1863.

EPONYMY: *Martensella* E. Coemans (1863). *Note*: *Martensiomyces* J. Meyer (1957) is dedicated to" ... Monsieur Martens, professeur de mycologie à l'Université de Louvain" (Pierre Édouard Martens, b. 1895).

5485a. *Notice sur quelques nouvelles espèces de plantes indigènes de l'Amerique septentrionale* [Academie Royale de Bruxelles (extrait du tom. viii, no. 4, des Bulletins, 1841]. Oct.
Publ.: 1841, p. [1]-4. *Copy*: FI. – Reprinted and to be cited from Bull. Acad. r. Bruxelles 8: 65-68. 1841.

5486. *Mémoire sur les fougères du Mexique*, et considérations sur la géographie botanique de cette contrée. [Bruxelles 1842]. Qu. (*Mém. foug. Mexique*).
Co-author: Henri Guillaume Galeotti (1814-1858).
Publ.: 1842, p. [1]-99, *pl. 1-23* (uncol. liths. by Galeotti). *Copies*: BR, FH, FI, MO, NY, US, USDA; IDC 7224. – Nouv. Mém. Acad. r. Sci. Bruxelles 15: 1-99. 1842.

Spanish version: see Ramirez, *La vegetación de México* 1899.
Ref.: Langman p. 608 (for José Ramirez, Veg. Mexico, 1899).

5487. *Notice sur les plantes des familles des Vacciniées* et des Ericacées, recueillis au Mexique par M. Henri Galeotti ... [Bruxelles 1842]. Oct.
Co-author: Henri Guillaume Galeotti (1814-1858).
Publ.: 1842, p. [1]-19. *Copies*: FI, G, McVaugh, US. – Reprinted from Bull. Acad. roy. Bruxelles 9(6): 526-544. 1842. This paper is actually the first of the series continued (from no. [2] onward) as *Enum. pl. Galeotti.* (In the journal publication this paper is also entitled *Enum. pl. Galeotti.*). See TL-2/5488.

5488. *Enumeration synoptica plantarum phanerogamicarum ab Henrico Galeotti* in regionibus mexicanis *collectarum* [Bruxelles 1842-1845]. Oct. (*Enum. pl. Galeotti*).
Co-author: Henri Guillaume Galeotti (1814-1858).
Publ.: A series of papers published in the *Bull. Acad. roy. Bruxelles* and reprinted with independent pagination. The instalments are not numbered in the text; the numbers in the first column have been assigned by us. *Copies*: G(2), McVaugh, MO, NY, US, USDA.

Part	Bull.	reprint	date	Séance
1	9(6): 526-544	[1]-19	1842	4 Jun
2	9(7): 32-47	[1]-16	1842	2 Jul
3	9(8): 227-249	[1]-23	1842	
4	9(10): 372-393	[1]-22	Dec 1842	5 Nov
5	10(2): 110-134	[1]-24	1843	4 Feb
6	10(3): 208-224	[1]-16	1843	4 Mar
7	10(4): 341-360	[1]-20	1843	1 Apr
8	10(7): 31-52	[1]-22	1843	8 Jul
9	10(8): 178-200	[1]-23	1843	5 Aug
10	10(9): 302-321	[1]-20	1843	7 Oct
11	11(3): 121-137	[1]-16	1844	2 Mar
12	11(4): 227-243	[17]-33	1844	6 Apr
13	11(6): 355-376	[1]-24	1844	1 Jun
14	11(8): 61-79	[1]-19	1844	3 Aug
15	11(9): 185-196	[1]-12	Oct-Dec 1844	5 Oct
16	11(10): 319-340	[1]-24	Nov-Dec 1844	2 Nov
17	12(2): 129-149	[1]-20	1845	1 Feb
18	12(7): 15-36	[1]-22	1845	5 Jul
19	12(9): 257-278	[1]-24	Nov-Dec 1845	11 Oct

Martersteck, Johann Clemens (*fl.* 1792), German botanist and church administrator at Bonn. (*Martersteck*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 453; BM 3: 1249; PR 5852 (ed. 1: 6550); Rehder 5: 548.
Oligschläger, F. W., Flora 16: 341. 1833.

5489. *Bönnischer Flora* erster Theil. Oder Verzeichniss aller hier wild und frei-wachsenden Arznei-Pflanzen, nebst einer vollständigen Beschreibung ihrer Eigenschaften, ihres Nutzens und Gebrauches, ... Bonn (gedruckt bei Joh. Frid. Abshoven, Universitäts-Buchdruckerei) 1792. Oct. (*Bönn. Fl.*).
Publ.: 1792, p. [i-xvi], [1]-475, [476, err.]. *Copies*: G, NY.

Marthe, François (*fl.* 1801), French botanist and gardener at the Jardin médical, Paris. (*Marthe*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1249; CSP 10: 734; IF p. 717; Jackson p. 421; Kew 3: 601; MW p. 300; PR 5853 (ed. 1: 6551); Rehder 5: 548; SO add. 773a.

EPONYMY: *Marthella* Urban (1903) commemorates Urban's wife, Martha Urban née Kurtz, herself a sister of the botanist Fritz Kurtz (1854-1920, q.v.). The derivation of *Marthea* Pascher (1918) could not be established.

5490. *Catalogue des plantes du jardin médical de Paris*, disposées selon le systême de Linné, avec l'explication de quelques changements faits à ce système. Publié par François Marthe, cultivateur du dit Jardin. Paris (Chez Gabon, ... an IX [1801]. Duod. (*Cat. pl. jard. méd. Paris.*).
Publ.: 1801, p. [1]-144. *Copy*: USDA.

Martin, Adolf (*fl.* 1851), German botanist; practicing physician at Pechelbronn (Niederrhein). (*A. Martin*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1249; Jackson p. 10; PR 5855; Rehder 5: 548.
Anon., Bonplandia 2: 174. 1854, 6: 48. 1858 (cogn. Leopoldina: Weigel).

5491. *Die Pflanzennamen der deutschen Flora* mit wichtigern Synonymen in alphabetischer Ordnung etymologisch erklärt ... Halle (Druck und Verlag von H. W. Schmidt) 1851. Oct. (*Pfl. Namen deut. Fl.*).
Publ.: 1851 (p. iv: Aug 1851), p. [i]-iv, [1]-121, [122, index]. *Copies*: G, NY.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 9: 870-871. 5 Dec 1851.

Martin, Charles-Édouard (1847-1937), Swiss amateur mycologist; studied at the École libre de théologie de la Société évangélique, Genève; professor of classical languages at the École until 1921; from 1885 corrector for the *Tribune de Genève*; first president of the Société mycologique de Genève; Dr. h. c. Genève 1933. (*C. Martin*).

HERBARIUM and TYPES: Unknown; for his "iconotheca", now at G, see Wiki (1940).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 453; BJI 2: 113; BM 7: 802; Kelly p. 143; LS 16986-16998, 36625-36633, suppl. 17389-17411.
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Verdoorn, F., Chron. bot. 4(4/5): 438. 1938.
Wiki, B., Bull. Soc. bot. Genève 30: 240-256. 1940 (iconotheca of 5268 sheets at G.)

5492. *Contribution à la flore mycologique Suisse* et plus spécialement genevoise ... [Genève 1899].
Publ.: 1899 (Nat. Nov. Jun(1) 1899), p. [1]-66 *Copy*: NY. – Reprinted and to be cited from Bull. Trav. Soc. bot. Genève 9: 52-117. 1899. – Other papers by this author under the same title: ib. 7: 171-198. 1894 and Bull. Soc. bot. Genève 11: 110-130. 1905.

5493. *Le 'Boletus subtomentosus' de la région genevoise* essai de monographie ... [Berne (K. J. Wyss, libraire éditeur) 1903]. Oct. (*Boletus subtomentosus*).
Publ.: 1903 (Bot. Zeit. and ÖbZ 1 Nov 1903; J. Bot. Nov 1903; Nat. Nov. Dec(1) 1903), p. [ii]-ix, [1]-39, *pl. 1-18* (col. liths.). *Copy*: USDA. – Matériaux pour la flore cryptogamique Suisse 2(1).

5494. *Cataloque systématique des Basidiomycètes* charnus, des Discomycètes, des Tubérinées et des Hypocréacées *de la Suisse romande* ... Genève (publié par la Société mycologique de Genève) 1919. Qu. (*Cat. Basidiomyc. Suisse rom.*).
Publ.: 1919 (p. 5: 9 Feb 1919), p. [1]-47. *Copies*: BR, G, NY.

Martin, Émile (1810-1895), French botanist and judge at Romorantin (Loir-et-Cher). (*E. Martin*).

HERBARIUM and TYPES: P (12.000).

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 844 [real first name stated to be Pierre]; Barnhart 2: 454 (b. 18 Nov 1810, d. 15 Feb 1895); BL 2: 171, 689; BM 3: 1249; IH 2: 507; Jackson p. 290; Kew 3: 602; Morren ed. 10, p. 68; Rehder 5: 548; Tucker 1: 463.
Franchet, A., Bull. Soc. bot. France 42: 725-726. 1895.

5495. *Catalogue des plantes* vasculaires et spontanées des environs *de Romorantin* . . . Romorantin (Imprimerie de Joubert et fils) 1875. Oct. (*Cat. pl. Romorantin*).
Ed. 1: Oct-Nov 1875 (BSbF 12 Nov 1875; Flora 21 Dec 1875; Bot. Zeit. 10 Dec 1875), p. [i*, iii*], [i]-xiv, [1]-357, [1-2, add.]. *Copies*: G, NY. – Only 100 copies printed, privately distributed.
Ed. 2: Feb 1894 (fide letter by author in NY copy; p. xi: Jan 1894; Bot. Centralbl. 15 Mai1894; Nat. Nov. Mai(2) 1894), p. [i*], [i]-xi,[1]-533. *Copies* G, MO, NY, USDA. – Only 100 copies printed, privately distributed. Romorantin (A. Standachar et Cie., . . .) 1894. Oct.

Martin, George Willard (1886-1971), American mycologist; M. Sc. Rutgers Univ. 1915; in U. S. Army in France 1915-1919; at Rutgers Univ. 1919-1921; at Univ. Chicago 1921-1923; Ph. D. Chicago 1922; from 1923-1955 at the State University of Iowa, Iowa City. (*G. W. Martin*).

HERBARIUM and TYPES: IA.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 345; Barnhart 2: 454; Bossert p. 255; GR p. 230; Hawksworth p. 184; Hirsch p. 190; IH 2: 507; Kelly p. 143; Kew 3: 602-603; Lenley p. 281; LS suppl. 17422-17430; ME 2: 731; MW p. 300; NAF 1(1): 264; Roon p. 74; Stevenson p. 1250; TL-2/1: 781.
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Couch, J. N., Amer. midl. Natural. 87: 257. 1972.
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 108. 1970 (pl. E).
Hesler, L. R., Biogr. sketches N. Amer. mycol. 1975, mss.
Hulbary, R. L., Plant Sci. Bull. 18(4): 44. 1972; Bull. Torrey bot. Cl. 100: 142. 1973.
Lentz, P. L. & C. R. Benjamin, Mycopath. Mycol. appl. 45(3-4): vii-xv. 1971 (portr., bibl.).
Lowy, B., Bol. Soc. mexic. Micol. 5: 114. 1971.
Martin, G. W., The Tremellales of the North Central United States and adjacent Canada, Iowa City, Mai 1944, 88 p. (Univ. Iowa Stud. nat. Hist. 18(3)).
Rogers, D. P., Brief hist. mycol. N. Amer. 42-43. 1977.
Stafleu, F. A., Taxon 20: 179. 1971 (on his *Myxomycetes* of 1969).
Wells, K., Mycologia 65(5): 985-998. 1973 (portr., bibl.).

COMPOSITE WORKS: (1) With T. H. Macbride: *The myxomycetes*, New York 1934; with C. J. Alexopoulous; *The myxomycetes* 1969.
(2) NAF, *Myxomycetes*, 1(1): 1-151. 29 Apr 1949.

EPONYMY: *Martininia* K. P. Dumont & R. P. Korf (1970). *Note*: *Martinella* Baillon (1888) commemorates Joseph Martin (fl. 1788-1826), French botanist in French Guiana, who also collected on Martinique and Mauritius. *Martinella* (M. C. Cooke & Massee ex M. C. Cooke) P. A. Saccardo (1892) is dedicated to Flora Martin née Campbell (x-1923), Australian botanist who is also commemorated by *Campbellia* M. C. Cooke & Massee (1890). *Martinia* E. Vaniot (1903), *Martinella* A. A. H. Léveillé (1904) and *Neomartinella* Pilger (1906) are dedicated to Léon François Martin (1866-1919), French missionary and botanical collector in China, Japan, Korea and Siberia. The same probably holds for *Martinia* L. Crié (1889) which, however, could not be checked. *Martiniaster* Loeblich & Tappan (1963) commemorates E. Martini (fl. 1961), German micropalaeontologist about whom we have no further particulars.

Martin, William (1886-1975), New Zealand botanist and high school teacher, B. Sc. Otago Univ. 1911. (*W. Martin*).

HERBARIUM and TYPES: Phanerogams at WELT (17.000); bryophytes at CHR (12.000), lichens at CANTY and CHR.

BIBLIOGRAPHY and BIOGRAPHY: GR p. 774; Hortus 3: 1199 ("W. Martin"); IH 2: 508; SBC p. 126; TL-2/1615.
Anon., Taxon 26: 160. 1977.
Galloway, D. J., New Zealand J. Bot. 14: 367-374. 1976 (portr., bibl.); Bryologist 79: 473-476. 1976 (portr.).
Laundon, J. R., Lichenologist 11: 14. 1979 (lichens at CHR).
Sayre, G., Bryologist 80: 513. 1977.

Martin, William Keble (1877-1969), British clergyman, botanist and botanical artist; MA Oxon 1899; curate 1902-1909; vicar, Wath-upon-Dearne, Rotherham 1909-1921; rector Haccombe, Devon, 1921-1934; Great Torrington 1934-1943; Combe-in-Teignhead 1943-1949. (*W. K. Martin*).

HERBARIUM and TYPES: EXR; further material at TOR.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 235, 689; Desmond p. 424; IH 2: 508.
Anon., Rep. Trans. Devonsh. Ass. 1970: 284-286. (d. "1970). The Times 27 Nov 1969, Daily Telegraph 27 Nov 1969.
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Martin, W. K., Over the Hills, 1968 (autobiogr.; fide Desmond).
Massingham, B., Country Life 162 (4197): 1851, 1852, 1854. 1977 (n.v.).
Pugsley, H. W., J. Bot. 77: 294-297. 1939 (*Fl. Devon* publ. July).

5496. *Flora of Devon* phanerogams, vascular cryptogams, charophyta promoted by the Devonshire Association ... Arbroath (printed and published by T. Buncle & Co. Ltd.) 1939. Oct. (*Fl. Devon*).
Publ.: Jul 1939, p. [i]-xv, 1-787, *pl. 1*. *Copy*: USDA.

Martin de Argenta, Vicente (*fl.* 1862), Spanish botanist. (*V. Martin*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: CSP 10: 736; Langman p. 476; NI 1281; Rehder 5: 549; Tucker 1: 464.

5497. *Album de la flora médico-farmaceutica* é industrial, indígena y exótica, ó sea coleccion de laminas iluminadas de las plantas de applicacion en la medicina, farmacia, industria y artes, copiadas en sa mayor parte del natural ó de los mejores dibujos que de ellas existen: descripcion de las mismas con expresion de sa duracion, localidad donde crecen y época en que florecen las de España; su sinonimia científica y vulgar, usos médicos, farmacéuticos é industriales, virtudes medicinales, etc. etc. ordenadas segun el método natural de Mr. DeCandolle ... Madrid (Imprenta de la Galeria Literaria, ...) 1862-1864, 3 vols. (*Album fl. méd.-farm.*).
1: 1862 (p. [iv]: 10 Sep 1862), engr. t.p., portr., p. [i]-viii, [1]-110, [1-4, ind., 2, err.], *105 pl.* (col.).
2: 1863, engr. t.p., portr., p. [i, iii], [5]-161, [1-3, ind. & err.], *107 pl.* (NY copy: 106).
3: 1864, engr. t.p., portr., p. [i-iii], [5]-227, [228, err.], *88 pl.* *Copy*: NY. – Copies occur with plates in different states. See also Wheldon and Wesley, Catal. 137, no 53, 1976 and NI 1281.

Martindale, Isaac Comly (1842-1893), American quaker, botanist, entomologist, and bank-clerk of Camden, New Jersey. (*I. C. Martindale*).

HERBARIUM and TYPES: NA (80.000; acquired 1964), further material e.g. in AK, PHIL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 454; BL 1: 212, 307; Bossert p. 255; Clokie p. 207; CSP 10: 737, 12: 489, 17: 60; De Toni 4: xxxix; IH 1 (ed. 6): 361, 2: 508; Jackson p. 142,

495; Kew 3: 605; Morren ed. 10, p. 125; NAF ser. 2. 6: 69; NW p. 52; Pennell p. 613; PH p. 498 [index]; Rehder 5: 549; Stevenson p. 1250; Tucker 1: 464; Urban-Berl. p. 373.
Anon., Amer. J. Pharm. 66(5): 251-253. 1894 (herb. presented to Philadelphia College of Pharmacy); Bartonia 2: 34. 1909 (co-founder of journal); Bot. Gaz. 9: 163. 1884, 10: 311. 1885 (herbarium and library for sale), 18: 39. 1893; Bot. Not. 1894: 47 (b. 15 Jul 1842); Bull. Torrey bot. Club 20(2): 72. 1893; Entom. News 4: 37-38, *pl. 2* 1893 (portr., b. 15 Jul 1842, d. 3 Jan 1893); Leopoldina 29: 107. 1893; Meehan's Mo. 3: 31. 1893; Nat. Nov. 15: 107. 1893 (d. 3 Jan 1893).
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Haas, T. P., Amer. J. Pharm. 116: 420-432. 1944 (portr., descr. herb. then still at Philadelphia College of Pharmacy).
Harshberger, J. W., Bot. Philadelphia 322-328, 449. 1899.
Koster, J. T., Taxon 18: 555. 1969.
McVaugh, R., Edward Palmer 67, 74, 78. 1956.
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Redfield, J. H., Bull. Torrey bot. Club 20: 98-100. 1893 (see also p. 72).
Rickett, H. W., Index Bull. Torrey bot. Club 68. 1955.
Sargent, C. S., Garden & Forest 1893: 36.
Voss, E. G., Contr. Univ. Mich. Herb. 13: 14, 68. 1978.

HANDWRITING: Taxon 22: 380. 1973; Rec. Auckland Inst. Mus. 11:106. 1974.

EPONYMY: *Martindalia* P. A. Saccardo & J. B. Ellis (1885).

5498. *Notes on the Bartram oak,* Quercus heterophylla, Michx . . . Camden, N. J. (S. Chew, printer, . . .) 1880. (*Not. Bartram oak*).
Publ.: Jan-Mar 1880 (Bot. Centralbl. 5-9 Apr 1880), p. [1]-24. *Copies*: G, PH, US.
Ref.: Koehne, E., Bot. Centralbl. 1/2: 528. 1880 (rev.).

5499. *I. C. Martindale's desiderata* [Camden, N. J. 1881]. (*Martindale's desid.*).
Publ.: Feb 1881, cover, p. [1]-21, [22]. *Copies*: MO, US.

Martindale, Joseph Anthony (1837-1914), British headmaster at Staveley 1859-1902; lichenologist, naturalist, archeologist and linguist. (*J. A. Martindale*).

HERBARIUM and TYPES: KDL; other material at E and BM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 455; BB p. 208; CSP 8; 345, 17: 60; Desmond p. 424; GR p. 405; IH 2: 508; LS 17015-17016d, 36639.
Anon., J. Bot. 52: 160. 1914.
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Kent, D. H., Brit. herb. 68. 1957 (herb. (2000) at KDL).
R., Naturalist 688: 157-159. 1914.

Martinet, Jean Baptiste Henri (1840-?), French botanist and clergyman who worked in Peru; professor of botany at the medical school of Lima; later again in Paris. (*Martinet*).

HERBARIUM and TYPES: P, US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 455; BM 3: 1251; Herder p. 163; IH 2: 509; Jackson p. 450; Morren ed. 2. p. 37, ed. 10, p. 141; Tucker 1: 464.

5500. *Enumeracion de los generos y especies de plantas* que deben ser cultivadas ó conservadas en

el jardin botanico de la facultad de medecina de Lima con la indicacion sumaria de su utilidad en la medicina, la industria y la economia, ... Lima (Imprenta del Estado, ...) 1873. Qu. (*Enum. gen. sp. pl.*).
Publ.: Jun 1873 (date dedication of copy sent by author to Ad. Brongniart, now in USDA), p. [i]-xliii, [xliv], [1]-458, [1, err.]. *Copy*: USDA.
Ref.:Martinet, J. B. H., Bull. Soc. bot. France 21: 373-380. 1874.

Martinez, Maximino (1888-1964), Mexican botanist, founder of the Sociedad Botánica de México and the Boletin of that society. (*Martinez*).

HERBARIUM and TYPES: MEXU; further material at F, IFGP, MEX, MICH, MO, NY, SBC, US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 455; BL 1: 149, 308; Bossert p. 255; Hortus 3: 1199 ("Martinez"); IH 2: 509; Kew 3: 605-606; Langman p. 477-480; Lenley p. 281; Roon p. 74.
Clark, P., Garden J. 14: 207. 1964 (obit.).
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McVaugh, R., Contr. Univ. Mich. Herb. 9(3-7): 282. 1972 (itin.; coll.).
Rzedowski, J., Ciencia, México 24(5/6). Feb 1966, issue dedicated to the memory of Faustino Miranda (1905-1964) and M. Martinez; biogr. details on p. 181-184, portr. on pl. 2; Taxon 14: 173-178. 1965 (portr., biogr., bibl., b. 30 Mai 1888, d. 2 Jun 1964).
Rzedowski, J. and F. Miranda, Bol. Soc. bot. Mex 30: 23-26. 1969 (portr.).
Stafleu, F. A., Taxon 13: 293. 1964.

5501. *Catalogo alfabetico de nombres vulgares y científicos de plantas que existen en Mexico* ... Mexico (Imprenta de la Direccion de Estudios biologicas) 1923. (*Cat. nombr. pl. Mexico*).
Ed. 1: in 19 parts, 1923 (p. [3]: Apr 1923), p. [1]-670. *Copies*: G (part 1, p. [1]-32 only), USDA (in original undated covers).
Ed. 2[?]: 1937 (US rd. 30 Nov 1937), p. [1]-551. *Copies*: US, USDA. – Catalogo de nombres vulgares y cientificos de plantas mexicanas. Mexico (Ediciones Botas) 1937. Oct.

5502. *Las plantas mas utiles que existen en la Republica Mexicana* ... Mexico 1928. (*Pl. util. Mexic.*).
Ed. 1: 1928 (US rd. 15 Mar 1929), p. [1]-381, [1-8, index]. *Copies*: MO, NY, US, USDA.
Ed. 2: 1936, p. [1]-400, [1-15, index, 1, err.]. *Copies*: NY, US, USDA. – "*Plantas utiles de Mexico* segunda edicion" Mexico (Ediciones Botas). 1936.
Ed. [*3* or *4*]: 1959, p. [1]-621, [1, err.]. *Copies*: G, US. – *Plantas utiles de la flora mexicana.* (Ediciones Botas) 1959.

5503. *Las plantas medicinales de México.* Mexico, D. F. (Ediciones Botas) 1933. 16-mo. (*Pl. med. México*).
Ed. 1: 1933, p. [1]-644, [645-646, err.], *3 col. pl. Copies*: NY, USDA.
Ed. 2: 1939, p. [1]-628, *6 col. pl. Copies*: NY, USDA. – "Segunda edicion." Mexico (Ediciones Botas) 1939. Oct.
Ed. 3: 1944, p. [1]-630, *5 col. pl. Copies*: MO, USDA. – "Tercera edicion." (Ediciones Botas). 1944. Oct.
Ed. 4: 1959, p. [1]-656, [1, index]. *Copies*: MO. – "Cuarta edicion." (Ediciones Botas) 1959.
Ed. 5: 1969, p. [1]-656, *7 lvs. pl. Copy*: MO.

5504. *Catalogo de nombres vulgares y científicos de plantas mexicanas.* Mexico (Ediciones Botas) 1937. (*Cat. nombr. vulg. pl. mexic.*).
Publ.: 1937, p. [1]-551. *Copy*: US.

Martinov, Ivan Ivanovič (*fl.* 1826), Russian botanist. (*Martinov*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 455; BM 3: 1258; Jackson p. 9; MD p. 177-178; PR 5863; TR 848.

5505. *Slovar rodovich imen rasténii* ... St. Petersburg 1826. Oct.
Publ.: 1826. – The citation of the date 1825 in Bull. Sci. nat. Moscou 17(4): 81. 1829 is either an error or refers to a hitherto untraced variant title-page: Pritzel lists the book as *Lexicon botanicum*. (n.v.).

Martins, Charles Frédéric (1806-1889), French botanist and geologist; botanical explorer of Spitsbergen and the Mediterranean; from 1851-1879 director of the botanical garden and professor of botany at Montpellier. (*Martins*).

HERBARIUM and TYPES: Unknown. Important set at G; see IH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 455; BL 2: 689 [index]; BM 3: 1253-1254, 7: 805; Bossert p. 255; CSP 4: 262-266, 8: 346-347, 10: 737-738, 12: 490, 17: 63; Frank 3(Anh.): 62; GR p. 339; Herder p. 465; IH 2: 509; Jackson p. 578; Kew 3: 606-607; Kleppa p. 236, 241, 267, 290; KR p. 497; Langman p. 482; Lasègue p. 575 [index]; LS 17023-17024a, suppl. 17518; Morren ed. 2. p. 19; MW p. 300; PR 5864-5875 (ed. 1: 6573-6579), 10602; Quenstedt p. 282; Rehder 5: 549-550; Tucker 1: 464-465.
Anon., Bonplandia 3: 32. 1855 (cogn. Leopoldina: Arion), 6: 48. 1858; Bot. Jahrb. 11, Beibl. 24: 1. 1889; Bot. Not. 1890: 45 (d); Bot. Zeit. 47: 322. 1889; Bull. Soc. bot. France 36: 47, 181-182. 1889; Mém. Soc. Phys. Genève 31(1): xx-xxi. 1891 (obit.); Nat. Nov. 11: 122. 1889 (d.); Österr. bot. W. 1: 229. 1851 (app. Montpellier), Österr. bot. Z. 39: 200. 1889 (d.); Verh. bot. Ver. Brandenb. 30: lx 1889 (d.).
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Candolle, A. P. de, Mém. souv. 231, 443, 553, 589, 590. 1862.
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Cosson et Durieu, Exp. sci. Algérie Bot. 2: xxxvii-xxxviii. 1868.
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Flahault, C. et J. E. Planchon, Ann. of Bot. 3: 480-482. 1890 (bibl.; b. 6 Feb 1806, d. 7 Mar 1889; provide further biogr. refs.).
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Jackson, B. D., Bull. misc. Inf. Kew 1901: 44 (pl. K).
Magnus, P., Leopoldina 26(3-4): [1-3]. 1890.
Poggendorff, J. C., Biogr.-lit. Handw.-Buch 2: 65-66. 1858, 3: 878. 1898 (b. 6 Feb 1806, d. 8 Mar 1889).
Seemann, B., Bonplandia 1(4): 34, 1(9): 86. 1853.
Wittrock, V. B., Acta Horti Berg. 3(3): 107-108, *pl. 141*. 1905 (portr.).

EPONYMY: *Martinsia* Godron (1853).

5506. *Voyage botanique le long des cotes septentrionales de la Norvège*, depuis Drontheim jusqu'au Cap Nord, ... [Paris, Voyages ... en Scandinavie ... 1828-1840 ... la Recherche; 1846]. Oct. (*Voy. bot. cotes Norvège*).
Publ.: 1846: p. [1]-138. *Copy*: FI. – Separately issued as well as part of *Voy. Scandinavie Recherche* 2(1). 1846. See BM 2: 607. – See also his *Essai sur la végétation de l'archipel des Féröe*, compareé à celle des Shetland et de l'Islande méridionale, *in* ibid. 2(2): 353-450. 1 map. 1850 (?).

5507. *Le jardin des plantes de Montpellier*. Essai historique et descriptif accompagné de neuf planches ... Montpellier (Chez Boehm, ...), Paris (Victor Masson, ...), Strasbourg (Treuttel et Wurtz, ...) 1854. Qu. (*Jard. pl. Montpellier*).
Publ.: 1854 (BSbF after 23 Jul 1854), p. [1]-90, [1-2], *pl. 1-9* and portr. Magnol. *Copies*: G, MO.
Ref.: Anon., Bull. Sci., Bibl. univ. Genève 1854 (Sep): 77-80, Bot. Zeit. 13: 85-88. 1855.

5508. *Du Spitzberg au Sahara* étapes d'un naturaliste au Spitzberg, en Laponie en Écosse, en Suisse, en France, en Italie, en Orient, en Égypte et en Algérie ... Paris (Librairie J. -B. Bailière et fils, ...) s.d. [1865]. Oct. (*Spitzberg au Sahara*).
Orig. ed.: 1865 (p. xi: 25 Sep 1865; J. Bot. Jan 1866), p. [i]-xvi, [1]-619, *pl. 1-16*. *Copies*: FI, G, MO, NY.

German ed.: 1868, 2 vols., "Von Spitzbergen zur Sahara," translated by A. Bartels ("erschien" Bot. Zeit. 29 Nov 1867).

5509. *La végétation du Spitzberg* comparée à celle des Alpes et des Pyrenées ... Montpellier (Boehm & fils imprimeurs de l'Académie ...) 1865. Qu. (*Vég. Spitzberg*).
Publ 1865, p. [1]-26. *Copy*: NY. – Reprinted from Mém. Acad. Sci. Montpellier 6: 145-168. 1865.

Martius, Carl Friedrich Philipp von (1794-1868), German botanical traveller, ethnologist and botanist; M. D. Erlangen 1814, from then on at München; in Brazil 1817-1820; founder of the *Flora brasiliensis*. (*Mart.*).

HERBARIUM and TYPES: Martius' own collections from Brazil (1817-1820), including the types of most of his Brazilian species, are at München (M), often with very scanty annotations. In addition, M has collections made by Martius in the Mediterranean area and Madeira. Martius' herbarium, including the types of his species based on other collections, but also including the types of species of many other authors, is at BR (63.000 specimens, acquired in 1870. For sets of duplicates see IH (not mentioned: set at TO, see Fryxell 1976).
An important source for details on Martius' Brazilian collections is a six volume manuscript at M, entitled *Plantae in itinere brasiliensi annis 1817-1820 a Car. Frid. Phil. Martio descriptae*; Martius often refers to this manuscript in his publications by citing the numbers (1-3320) of the entries. These numbers often occur also on the herbarium labels of Martius' plants at M and these specimens should therefore be consulted in connection with this manuscript.
Another manuscript at M, with abundant descriptive detail is *Martii Schedulae de Leguminosis in Brasilia observatis*. An important collection of Martius' manuscripts, personalia, official documents, diaries, illustrations, etc. is preserved at the Department of Manuscripts of the Bayerische Staatsbibliothek, München.
The correspondence received by Martius is still in private hands in Germany. Some sets of letters have been published, e.g. those with Goethe and Carus (see Anon. 1932 and G. Schmid 1939). A large set of letters by M to Miquel is at U.
M's library was sold by auction by Weigel (Leipzig) 7 Mar 1870.
NAME: Martius used the pseudonym "Suitram" in some of his writings (see Carus et Martius s.d.).

BIBLIOGRAPHY and BIOGRAPHY: ADB 20: 517-527; AG 2(2): 354, 3: 431, 7: 147; Backer p. 356; Barnhart 2: 455; BL 1: 238, 239, 308; Blunt p. 248; BM 3: 1254-1257, 7: 805; Bossert p. 255; CSP 4: 266-269, 8: 348, 12: 490, 17: 64; DSB 9: 148-149; DTS 1: 182-183; DU 192; Frank 3(Anh.): 62-63; GF p. 66; GR p. 30-31; Hawksworth p. 184, 196; Herder p. 59; Hortus 3: 1199 ("Mart."); IF p. 717; Jackson p. 578; Kew 3: 607-609; Klinge p. 27; Krempelh. 2: 7-8; Langman p. 483; Lasègue p. 230-233, 575 [index]; Lenley p. 281, 464; LS 17025-17042, suppl. 17519-17520; Maiwald p. 89, 106, 118, 144; Moebius p. 278, 375; MW p. 300; NI 1284-1288; PH 364, 438, 567; Plesch p. 327; PR 5882-5913 (ed. 1: 6581-6615); Quenstedt p. 282-283; Rehder 5: 550-551; RS p. 117-118; SBC p. 126 ("Mart."); SK 1: cxcix; Sotheby 503-504; SO add. 809c, 2057a, 2694, add. 2699a; Stevenson p. 1250; TL-2/191, 389, 1156, 1649, 3035, 3972, see indexes; Tucker 1: 465-466; Zander ed. 10, p. 689, ed. 11, p. 785-786.

KEY WORDS SECONDARY REFERENCES: *Bibliography*: BM, CSP, DTS, Jackson, Kew, MW, NI, Plesch, PR, Rehder, SK, Sotheby, Tucker: *Biography*: Anon., 1869 (Landshut); Candolle 1856, 1857, 1862; Mägdefrau 1971, 1973, 1978; Merxmüller 1969, 1971, 1977; Poggendorff 1863, 1898; Renner 1959; Sommer 1953; ADB, Barnhart, DSB; *Brazilian journey* (see also *Reise*): Papavero 1971; Prance 1971; Rau 1871; Ross 1917; Schramm 1869; Schrank 1818; Urban 1906; *Bust*: Goebel 1905; *Correspondence*: Anon. 1932 (with Goethe); Bay 1892; Carus 1939 (Schmid 1939); Gray 1893; Kühnel 1960; Lawrence 1964; Mettenius 1882; Miller 1970; Lenley; *Fl. bras*: Loesener 1907 (end of work); Seeman 1867; Urban 1908; *Herbarium collections*: Anon. 1869 (ÖbZ); Candolle 1880; Eichler 1869; Fryxell 1976; Hedge 1970; Huxley 1912; Jackson. 1901; Kukkonen 1971; Laundon 1979; Seemann 1869, 1870; Lasègue; *Illustrated works*: NI, Plesch, Sotheby; *Reise Brasilien*: Mägdefrau 1966; *Medal*: Fenzl 1864, Haidinger 1864; *Obituaries*: Bentham 1869; Meissner 1869; Postel 1871; *Palms*:

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EPONYMY: *Martia* Leandro de Sacramento (1821); *Martia* Valeton (1886); *Martiella* Van Tieghem (1895); *Martiodendron* Gleason (1935); *Martiusella* Pierre (1891); *Martiusia* J. A. Schultes & J. H. Schultes (1822); *Martiusia* Bentham (1840). The derivation of *Martia* K. P. J. Sprengel (1818) is not given by Sprengel, but it seems most probable that it commemorates one of the older Martius's (q.v.).

5510. *Plantarum horti academici erlangensis* enumeratio adjectis specierum novarum vel minus cognitarum descriptionibus ... Erlangae (Typis Hilpertianis) 1814. Oct. (*Pl. hort. erlang.*).
Publ.: 1814, p. [i-vi], [1]-209, [210]. *Copies*: G, M; IDC 887. – We have seen no copy with a thesis t.p. "Dissertatio inauguralis sistens plantarum horti academici erlangensis."

5511. *Flora cryptogamica erlangensis* sistens vegetabilia e classe ultima Linn. in agro erlangensi hucusque detecta ... Norimbergae [Nürnberg] (sumptibus J. L. Schrag) 1817. Oct. (*Fl. crypt. erlang.*).
Publ.: shortly after 1 Jun 1817 (p. xvi: xvi cal. apr 1817; p. 512 printer's note dated 1 Jun 1817 (p. 509-512 absent from some copies)), p. [i]-lxxviii, [1-2, h. t. and motto], 1-512, *pl. 1-6*, nos. *1-2* col. copper engr., nos. *3-6* uncol. liths.; of drawings by J. Sturm. *Copies*: BR, G, H, MO, NY, Stevenson, US, USDA; IDC 6050.
Ref.: Anon., Flora 1: 485-492. 1818.

5512. *Über den Bau und die Natur der Charen* ... [Erlangen 1818]. Qu. (*Bau Nat. Charen*).
Publ.: 1818, p. [1]-34, *pl. 1-2* (col. copp. auct.). *Copies*: G, M. – Reprinted from Nova Acta Leop. 9: [181]-214, *pl. 2-3* (id.). 1818.

5513. Caroli Frid. Phil. Martii, med. doct. *De Fuci vesiculosi* Lin. ortu et incrementis epistola ... [Erlangen] 1818. Qu. (*De Fuci vesic.*).
Publ.: 1818, p. [1]-12, *1 pl.* (col. copp. auct.). *Copies*: G, M. – Reprinted from Nova Acta Leop. 9: [215]-226, *pl. 4* (id.). 1818.

5514. *Lychnophora.* Novum plantarum genus. Primus invenit, explorabit, constituit et descripsit D. Car. F. P. de Martius, ... Ratisbonae [Regensburg] (Types viduae Christ. E. Brenck) [1822]. Qu. (*Lynchophora*).
Publ.: 1822, p. [1]-12, *4-10* (uncol. liths). *Copies*: G. – Preprinted or reprinted from Denkschr. bot. Ges. Regensburg 2: [148]-158. 1822.

5515. *De plantis nonnullis antediluvianis* ope specierum inter tropicos nunc vivientium illustrandos ... Ratisbonae [Regensburg] (typis viduae Christ. E. Brenck). Qu. (*Pl. antediluv.*).
Publ.: 1822, p. [1]-28, *pl. 1-2* (uncol. lith.). *Copy*: G. – Reprinted from Denkschr. Regensb. bot. Ges. 2: 121-147. 1822. See also Edinb. phil. J. 12: 47-56, 270-281. 1825.

5516. *Reise in Brasilien* auf Befehl Sr. Majestät Maximilian Joseph I. Köings von Baiern in den Jahren 1817 bis 1820 gemacht und beschrieben von Dr. Joh. Bapt. von Spix, ... und Dr. Carl Friedr. Phil. von Martius, ... München (vol. 1: Gedruckt bei M. Lindauer; vol. 2: gedruckt bei I. J. Lentner, vol. 3: bei dem Verfasser, in Comm. bei Friedr. Fleischer) 1823-1831, 3 vols. text Qu., 1 atlas Fol. (*Reise Bras.*).
Co-author: Johann Baptist von Spix (1781-1826); vols. 2 and 3 were published after Spix' death by Martius.
Orig. ed.: *Copies*: FI, G, MO, U, USDA.
Vol. 1: Nov 1823. p. [i*-viii], [i]-vii, [viii, ill.], [vii, sic]-xiv, [1]-412.
Vol. 2: 1828 (Flora rev. 7 Jul 1828; p. iv: 29 Feb 1828), p. [i]-viii, [1, err.], [413]-884, [1, err.].
Vol. 3: Mai-Jun 1831 (rd. Regensb. Jun 1831), p. [i]-lvi, [1, h.t.], [1]-40, [885]-1388.
Atlas: *50 pl.*
Naturhistorischer Anhang: separately published as "Die Pflanzen und Thiere des tropischen Amerika". See below.
Facsimile ed.: 1966, 3 vols. and atlas. *Copies*: G, K, Mägdefrau, NY. – "Reise in Brasilien in den Jahren 1817-1820 von Joh. Bapt. von Spix und Carl Friedr. Phil. von Martius. Unveränderter Neudruck des 1823-1831 in München in 3 Textbänden und 1 Tafelband erschienenen Werkes. Herausgegeben und mit einem Lebensbild des Botanikers C. F. P. von Martius sowie mit einem Register versehen von Karl Mägdefrau ... Stuttgart (F. A. Brockhaus ...) 1966. Vol. 1: p. [i]-xvii (introd.) followed by facsimile. Vol. 4: "Tafelband" ("Atlas") mit Martius' Erläuterungen, vom Herausgeber neueren Forschungsergebnissen angepasst, und mit kurzen Auszügen aus entsprechenden Ausführungen in den Textbänden, with 49 plates and maps and 8 charts with Brazilian and Indian music.
Brazilian extract: *Através da Bahia.* Excerptos da obra Reise in Brasilien. Trasladados a

português pelos Drs. Pirajá da Silva e Paulo Wolf ... terceira edição. São Paulo-Rio-Recife-Porto Alegre (Companhia Editora Nacional) 1938, p. [1]-342. *Copy*: UC (inf. R. Schmid). First ed. (1916), and second ed. (1928) n.v.
Ref.: Martius, C. F. P. v. & J. B. von Spix, Flora 1: 65-84, 133-138. 1818, 2: 683-692. 1819, 3: 161-172. 1820, 4: 43-45, 264-270, 273-288, 289-294. 1821, 5(2) Beil. 3: 33-37. 1822; Linnaea 5 (Lit.): 36-45. 1830.

5517. *Fraxinellae,* plantarum familia naturalis, definita et secundum genera disposita, adiectis specierum brasiliensium descriptionibus, ... [Erlangen 1823]. Qu. (*Fraxinellae*).
Co-author: Christian Gottfried Daniel Nees von Esenbeck (1776-1858).
Publ.: 1823, p. [1]-50, *pl. 18-30* (uncol. liths.). *Copies*: FI, M. – Reprinted from Nova Acta Leop. 11: 147-190. 1823.

5518. *Beitrag zur Flora brasiliensis* von Maximilian, Prinzen von Wied-Neuwied, ... mit Beschreibungen von Dr. Nees von Esenbeck, ... u. Dr. von Martius, ... (Erlangen 1823-1825). Qu. (*Beitr. fl. bras.*).
Part 1: 1823, p. [1]-88, *pl. 1-6* (uncol.; by F. Wild). – Reprinted from Nova Acta Leop. 11: [1]-88. 1823.
Part 2: 1825, Nova Acta Leop. 12: 1-54. 1925.
Co-authors: Maximilian Alexander Philipp, Prinz zu Wied-Neuwied (1782-1867); Christian Gottfried Daniel Nees von Esenbeck (1776-1858). For further details see no. 5722.

5519. *Nova genera et species plantarum* quas in itinere per Brasiliam annis mdcccxvii-mdcccxx jussu et auspiciis Maximiliani Josephi I. Bavariae regis augustissimi suscepto collegit et descripsit Dr. C. F. P. de Martius ... Monachii [München] (1: Typis Lindaueri; 2: Typis C. Wolf; 3: Impensis auctoris) 1823-1832, 3 vols. Fol. (*Nov. Gen. sp. pl.*).
Collaborator for vol. 1 (on t.p. "... volumen primum. Pingendas curavit et secundum auctoris schedulas digessit Dr. J. G. Zuccarini ... "): Joseph Gerhard Zuccarini (1797-1848), not to be cited as co-author for new taxa.
Vol.1: 1823-1826 (t.p. 1824; see below), p. [i*], engr. t.p., [iii*, v*-vi*], [i]-ii, [3]-158, *pl.1-100* (col. liths.).
Vol.2: 1826-1827 (t.p. 1826; see below), p.[i], engr. t.p., [iii], [1]-148, *pl.101-200.*
Vol.3: 1829-1832 (p.[x]: 25 Feb 1829, p.198: finitum idibus Sept 1832), p.[i, h.t.], engr. t.p., [iii, t.p. 1823-1832], [v, t.p. vol.3], [vii-x], [1]-198, *pl.201-300.*
Copies: FI, M, MO, NY, US, USDA, IDC 5257.

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1(1)	1-20	*1-12*	late 1823 or Jan-Feb 1824
(2)	21-36	*13-24*	late 1823 or Jan-Feb 1824
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(2)	81-124	*232-272*	Jan-Mar(?) 1831
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(1) diagnoses published earlier in Flora 7(1) Beil. (4): 129-142, between 25 Apr and 30 Jun 1824. (2) idem *t. 56-74* in Flora 8(1): 27-32. 14 Jan 1825; the fascicle cover of this part was dated "1824" fide GGA 26 Jan 1829.
(3) date on p. 198.
The above information is based on reviews in GGA, Flora, Linnaea, and Isis (see also Woodward 1908). On 29 Jun 1829 Martius informed W. J. Hooker (letter at K) that the book was ready as far as *pl. 231*; from a letter dated 24 Mar 1832 it appears that 3(2) was published around Mar 1831. In the preparation of this book, especially of the plates, Martius was assisted by J. G. Zuccarini. – Sprengel (Syst. 1: 224. late 1824) cites a Martius taxon published on 1: 156, *pl. 95*. This might indicate that 2(4) was possibly published earlier than the Jan-Mar 1826 here accepted.
For information on the artists who prepared the 300 lithographs see NI 1288.

5520. *Historia naturalis palmarum.* Opus tripartitum cujus volumen primum Palmas generatim tractat, volumen secundum Brasiliae Palmas singulatim descriptione et icone illustrat volumen tertium ordinis familiarum generum characteres recenset species selectas describit et figuris adumbrat adjecta omnium synopsi. Accedunt tabulae ccxlv. Leipzig (T. O. Weigel) [1823-1853], 10 parts, 3 vols. Fol. (*Hist. nat. palm.*).

Co-authors vol. 1 (de palmarum structura): Hugo von Mohl (1805-1872), (de palmis fossilibus): Franz Joseph Andreas Nicolaus Unger (1800-1870).

1: 1831-1853 (see below), p. [i*-ii*], portr., [iii*-vii*], [i]-vi, [i]-cxcviii, *pl. A-I, K-Z*, Z_1 - Z_{23}, *Geol. 1-3, Geogr. 1-4.* [1-4 expl. pl..].

2: 1823-1837, p. [i-iii], [1]-152, *pl. 1-6, 6a, 7-11, 11a, 12-18, 18a, 1950, 50a, 51-59, 59a, 60-73, 73a-d, 74-77, 77a, 78-101.*

3: 1837-1853, p. [i-iii], 153-350, err. slip, *pl. 102-180. Copies*: BR, FI, G, MICH, MO (original covers), NY; IDC 5443.

Part	pages	plates	dates
1	1-28 (vol. 2)	*1-25*	Nov 1823
2	29-58 (vol. 2)	*26-49*	1824, prob. before 13 Apr
3	59-90 (vol. 2)	*50-67, 59a*	1824, prob. after 13 Apr
4	91-144 (vol. 2)	*68-101, 6a, 18a, 73a-c*	Jan-Mar 1826
5	i-lii (vol. 1)	*102-104, 107-109, 112, 114*	1831
6	145-152 (vol. 2)	*73d, 77a, morph. R.S.T., geol. 1, bot. 105, 106, 110, 111, 113, 115, 117, 118, 119, 121, 122, 123, geogr. 2, bot. 124, 126, 127, 128, 129, 130, 132, 134, 137, 138, 141, 150.*	Jan 1837
7	153-180 (vol. 3)		
	181-260 (vol. 3)	*50a, morph. V, W, X, Y, ZI, bot. 116, 125, 131, 133, 135, 136, 139, 140, 142-149, 151-164, geogr. 1-3.*	23 Sep 1838
7, ed. 2	181-230 (vol. 3)		1 Sep 1845
	231-260 (vol. 3)		15 Mar 1849
8	liii-xcvi (vol. 1)	*R-Z(i-vii)*	19 Sep 1845
	261-304 (vol. 3)	*Geol. ii, iii; 165-170*	
9	xcvii-clxiv (vol. 1)	*Z(viii-xxiii)*	15 Mar 1849
	305-314 (vol. 3)	*171-180*	
10	315-350 (vol. 3)	*portr. auct.*	Jan-Jul 1853
	clxv-cxcviii (vol. 1)		
	t.p.'s of vols.		

Facsimile ed.: announced by Cramer (1974).

New ed. parts 1-4: *Genera et species Palmarum . . . editio nova.* Leipzig 1856-1857 (n.v.).

Part	Pages	number of plates	dates
1	1-28	[25]	Jan-Aug 1856
2	29-58	[24]	Jan-Nov 1856
3-4	59-144	[59]	Jan-Feb 1857

Ref.: Stenzel, K. G., Bot. Zeit. 10: 193-198, 212-215, 229-233, 251-255, 264-268, 283-285, 300-301, 314-318, 331-333, 351-354, 369-372, 382-385, 404-407, 1852 (rev.); see also Flora 35: 42-48, 57-62, 73-78, 328-336, 339-346, 354-368, 500-511. 1852 (rev.).

Steenis-Kruseman, M. J. van, Fl. males. Bull. 15: 643. 1959; 738-739. 1960.
Woodward, B. B., J. Bot. 46: 197. 1908 (dates).

5521. *Palmarum familia* ejusque genera denuo illustrata. Programma, quo praelectiones academicas de re herbaria per semestre aestivum habendas indicit Dr. C. F. P. de Martius, ... Monachii [München] (Typis M. Lindaueri) 1824. Qu. (*Palm. fam.*).
Publ.: 13 Apr 1824 (t.p.; according to Barnhart (mss) published between fasc. 2 and 3 of Hist. nat. Palm.), p. [1]-24. *Copies*: FI, G, L, M, MO; IDC 6051.
Ref.: Schrader, H. A., GGA 1824: 1041-1046. 1 Jul 1824.

5522. *Die Physiognomie des Pflanzenreiches in Brasilien* eine Rede, gelesen in der zur Feier der fünfundzwanzigjährigen glorreichen Regierung seiner Majesät des Königs am 14. Februar 1824 gehaltenen ausserordentlichen festlichen Sitzung der königl. baierischen Akademie der Wissenschaften von Dr. C. F. P. von Martius, ... München (Gedruckt bei M. Lindauer) [1824]. Qu. (*Physiogn. Pflanzenr. Bras.*).
Publ.: 14 Feb 1824, p. [i] , [1]-36. *Copies*: G(2), H, NY. – See also Flora 7: 143, 192. 1824.

5523. *Specimen materiae medicae brasiliensis,* exhibens plantas medicinales, quas in itinere per Brasiliam annis 1817-1820 jussu et auspiciis Maximiliani Josephi I ... suscepto observavit Dr. C. F. P. de Martius, ... [München] (typis J. E. de Seidel, ...) 1824. Qu.† (*Spec. mat. med. bras.*).
Publ.: 1824, p. [1]-20, *pl. 2-8* (uncol.), [*9*, col.]. *Copies*: G, M, MO, NY. – Reprinted from Denkschr. Akad. Wiss. München 9: 77-96. 1824.
Ref.: Anon., Flora 8: 747-752. 21 Dec 1825.

5524. *Hortus botanicus R. Academiae monacensis,* seu horti botanici, qui Monachii floret, historia breviter enarrata, et praesens conditio descripta. Programma quo praelectiones de re herbaria per semestre aestivum habendas indicit Dr. C. F. Ph. de Martius, ... Monachii [München] 1825. Qu. (*Hort. bot. monac.*).
Publ.: 1 Mai 1825 (t.p.), p. [i-iv], [1]-28, *2 pl.* (uncol.). *Copies*: G, H, M, MO, NY, U; IDC 6144.
Ref.: Anon., Flora 9: 145-160. 14 Mar 1826.
Schlechtendal, D. F. L. von, Linnaea 1(1): 129. Jan 1826.

5525. *Beitrag zur Kenntnis der natürlichen Familie der Amarantaceen,* ... [Bonn] (für die Akademie in der Eduard Weber's Buchhandlung 1825). Qu. (*Beitr. Amarantac.*).
Publ.: 1825, p. [1]-144, map (*pl. 14a, b*). *Copies*: FI, G, M, MO, U. – Preprinted from Nova Acta Leop. 13(1): 207-322, *pl. 14a, b.* 1826 (rev. Linnaea 2(1): 97-100. 1827).

5526. *Icones plantarum cryptogamicarum* quas in itinere annis mdcccxvii-mdcccxx per Brasiliam jussu et auspiciis Maximiliani Josephi I. Bavariae regis augustissimi instituto collegit et descripsit Carol. Frideric. Philip. de Martius, ... Monachii (impensis auctoris) 1828-1834. Fol. (*Icon. pl. crypt.*).
Publ.: 1828-1834, in four fasc., p. [i*-iv*], [i, iii], [1]-138, *pl. 1-76* (hand coloured liths., for details see NI). *Copies*: BR, G, KNAW, MO, NY, Teyler, US, USDA; IDC 5400. – Number of preface pages changes.
Fasc. 1: 1-30, *pl. 1-14.* Apr 1828 (see p. 4). – several copies have a title page, dated 1827, which must have been issued with fasc. 1: "*Icones selectae plantarum cryptogamicarum* quas in itinere per Brasiliam annis mdccxvii-mdccxx ..." Monachii (Typis C. Wolf) 1827 (see Flora 12: 257-259. 1829).
Fasc. 2: 1834, p. 31- ..., *pl. 15-38* of which *27* and *28* in duplo (col. and plain), *pl. 24, 37, 38* double; *pl. 31-36,* anatomical, by Hugo von Mohl, printed in brown.
Fasc. 3: 1834, p. ... - ..., *pl. 39-64* of which *39, 41, 44, 45, 47, 50* and *51* double.
Fasc. 4: Dec 1834 (Hinrichs 8-14 Feb 1835; p. 138 id. Dec 1834; letter M to Lambert at K of 6 Dec 1874), p. ... -138, *pl. 55-76* of which *59, 60, 65, 66* and *69* double.

5527. *Soemmeringia,* novum plantarum genus. Constituit Dr. C. F. P. de Martius [Monachii (Sumptibus Josephi Lindauer) 1828]. Qu. (*Soemmeringia*).
Publ.: 1828, p. [25]-31, *1 pl. Copies*: E, M, NY. – Published *in* Samueli Thomae equiti a Soemmering de quinquaginta annis post summos in medicina honores rite captos non

minore sui gloria quam doctrinae medicae in primis vero anatomicae emolumento exactis gratulatur Regiae accademiae scientiarum monacensis . . . sodalis . . . Monachii [München] (sumptibus Josephi Lindauer) 1828. Qu., p. [1]-31, *2 pl.*

5528. *Flora brasiliensis seu enumeratio plantarum* in Brasilia tam sua sponte quam accedente cultura provenientium, quas in itinere auspiciis Maximiliani Josephi L. Bavariae regis annis 1817-1820 peracto collegit, partim descripsit; alias a Maximiliano seren. principe Widensi, Sellovio aliisque advectas addidit, communibus amicorum propriisque studiis secundum methodum naturalem dispositas et illustratas edidit C. F. Ph. de Martius . . . Stuttgartiae et Tubingae (Sumptibus J. G. Cottae) 1829-1833, 2 vols. Oct.† (*Fl. bras. enum. pl.*).

Co-authors: Franz Gerhard Eschweiler (1796-1831) (see TL-1, nos. 1719-1720); Christian Gottfried Daniel Nees von Esenbeck (1776-1858).

Publ.: Only parts published: 2(1), 1829 and 1(1) 1833. *Copies*: FH (1(1)), G, NY, U (2(1)), US (2(1)); IDC 1207.

Vol. 1(1): Mai-Dec 1833 (pref. 28 Apr), p. [i]-iv, [1]-390. – "*Algae, lichenes, hepaticae.* Exposuerunt Martius, Eschweiler, Nees ab Esenbeck."

Vol. 2, 1: Mar-Jun 1829 (see TL-1), p. [ii*-iii*], [i]-ii, [iii], [1]-608. – "*Gramineae,* a Neesio ab Esenbeck expositae," alternative title: "*Agrostologia brasiliensis* seu descriptio graminum in imperio brasiliensi hucusque detectorum."

Ref.: Link, H. F., Jahrb. wiss. Kritik 1833(1): 307-311. Feb 1833 [rev. of 2(1)].

5529. Amoenitates botanicae monacenses. *Auswahl merkwürdiger Pflanzen* des K. botanischen Gartens zu München in Abbildungen und Beschreibungen, nebst Anleitung rücksichtlich ihrer Cultur, ... Frankfurt a. M. (Verlag der Brönner'schen Buchhandlung) [1829-1831]. Qu. (*Ausw. merkw. Pfl.*).

Part 1: Jun 1829, p. [i-iii], [1]-8, *pl. 1-5* (col. liths.).

Part 2: Apr-Mai 1830, p. 9-16, *pl. 6-10* (id.).

Part 3/4: Jan-Apr 1831, p. 17-26, [1, err.], *pl. 11-16* (id.).

Copies: FI, G, M, MO, NY, US, USDA. – *Titles*: *cover*: as above; main *German* t.p.: "*Auswahl* . . . ", Frankfurt a. M. (. . . Buchhandlung (S. Schmerber)). *French*: "*Choix des plantes remarquables* du jardin botanique royal de Munic, . . . " A Paris, Strasbourg & Londres (Treuttel et Wurtz), Frankfurt a.M. (S. Schmerber). The title *Amoenitates* . . . appears only on the covers.

5530. *Hortus regius monacensis.* Verzeichniss der im königlichen botanischen Garten zu München wachsenden Pflanzen, nach der natürlichen Methode geordnet, mit Hinweisung auf das Linneische System und summarischer Angabe des Vaterlands, der Cultur und Benützungsweise. Auch als Schlüssel und Übersicht in deutschen Gärten und für Herbarien zu gebrauchen. München (im königlichen Central-Schulbücher-Verlage), Leipzig (In Commission bei Friedrich Fleischer) 1829. Oct. (*Hort. reg. monac.*).

Co-author: Franz von Paula Schrank (1747-1835).

Publ.: 1829 (p. vi: 25 Jun 1829), p. [i]-xii, [1], [1]-210. *Copies*: NY, USDA. – For authorship see p. vi.

5531. *Die Pflanzen und Thiere des tropischen America,* ein Naturgemälde . . . München (bei dem Verfasser), Leipzig (in comm. bei Friedr. Fleischer). Qu. (*Pfl. Thiere trop. Amer.*).

Publ.: 1831, p. [i], [1]-48, *4 pl. Copies*: M, MO, NY. – Identical with the natural history Appendix to Theil iii of Spix and Martius, Reise in Brasilien, see no. 5516.

5532. *Beschreibung einiger neuen Nopaleen* . . . [Vratislaviae et Bonnae 1832]. Qu. (*Beschr. Nopaleen*).

Publ.: 1832, p. [1]-42, *pl. 17-26* (col. liths.). *Copies*: M, NY. – Reprinted from Nova Acta Leop. 16(1): [321]-362, *pl. 17-26. Copies* of reprints with journal pagination: G, MO.

5533. *Die Eriocauleae,* als selbständige Pflanzen-Familie aufgestellt und erläutert . . . [Bonnae 1835]. Qu. (*Eriocauleae*).

Publ.: 5-11 Jul 1835 (in journal, fide Hinrichs; see, however, below for an 1834 publication), p. [1]-72, 72b, *pl. 1-5* (uncol. liths.). *Copies*: FI, G(2), M, NY, WU. Reprinted from Nova Acta Leopoldina 17(1): 1-72, 72[b], *pl. 1-5.* The reprints have double pagination.

See also Ann. Sci. nat. Bot. ser. 2. 2(Bot.): 25-43. 1834, a publication which would be earlier.

5534. *Conspectus regni vegetabilis* secundum characteres morphologicos praesertim carpicos in classes ordines et familias digesti, adjectis exemplis nominibusque plantarum usui medico technico et oeconomico inservientium. Uebersicht der Classen, Ordnungen und Familien des Gewächsreiches nach morphologischen Grundsätzen, under besonderer Rücksicht auf den Fruchtbau, mit Angabe von Beispielen und von den in der Medicin, Technik und Oekonomie besonders wichtigen Pflanzen, zunächst als Leitfaden bei seinen akademischen Vorlesungen entworfen ... Nürnberg (bei Joh. Leonhard Schrag ...) 1835. Oct. (*Consp. regn. veg.*).
Publ.: Sep-Oct 1835 (Hinrichs 25-31 Oct), p. [i]-xviii, [1]-72. *Copies*: FI, G, H, L, M, MO, NY, U, USDA.
Ref.: Anon., Lit.-Ber. Flora 6: 155-158. 7 Dec 1836.

5535. *Herbarium florae brasiliensis.* Plantae brasilienses exsiccatae, quas denominatas, partim diagnosi aut observationibus instructas botanophilis offert Dr. C. Fr. Ph. de Martius. Monachii [München] 1837 [-1841]. Oct. (*Herb. fl. bras.*).
Publ.: 1837-1841, p. [i], [1]-352. *Copies*: FI, G (has 2 extra lithographed lvs., 4 p., with nos. 723-1310), M, NY, USDA; IDC 6052. Reprinted and to be cited from Flora (Beiblätter).

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Ref.: Anon., Flora 18(1) Int. Bl. 49-51. 1835 (ann.), 20: 702-704. 28 Nov 1837.

5536. *Reden und Vorträge über Gegenstände aus dem Gebiete der Naturforschung* ... Stuttgart und Tübingen (Verlag der J. G. Cotta'schen Buchhandlung) 1838. Oct. (*Reden Naturf.*).
Publ.: 1838 (p. iv: 1 Sep 1837), p. [i*], [i]-vi, [1]-308. *Copy*: M.

5537. *Die Verbreitung der Palmen in der alten Welt*, mit besonderer Rücksicht auf die Floren-Reiche ... Erste Abhandlung. Aus den Münchner Gelehrten Anzeigen, Nr. 105-118, May und Juni 1839, besonders abgedruckt. Oct. (*Verbr. Palm.*).
Publ.: Mai-Jun 1839, p. [i], [1]-94 (columns). *Copies*: G, NY, USDA. – Reprinted from Münch. gel. Anz. 105-119. 1839 (see above).

5538. *Flora brasiliensis.* Enumeratio plantarum in Brasilia hactenus detectarum quas suis aloirumque botanicis studiis descriptas et methodo naturali digestas partim icone illustra-

tas editit C. F. P. de Martius [later: A. W. Eichler, I. Urban]. Opus cura Musei C. R. Pal. Vindobonensis auctore S. Endlicher successore E. Fenzl, conditum. München, Wien, Leipzig 1840-1906. 15 Volumes (in 40), published in 130 fascicles. Fol. (*Fl. bras.*).

Publ.: In 130 dated parts. For extensive details see Urban's treatise in vol. 1(1), (1906) "Vitae, itineraque collectorum botanicorum, notae collaboratorum biographicae, Florae brasiliensis ratio edendi chronologica, systema, index familiarum". A review of the contents is given by Woodward (BM), a list of the artists by Nissen. – 20.733 pages, 3811 lithographs and nature-prints. *Copies*: M, MO, NY, U, US. – The "page-numbers" actually refer to colums.

Martius founded the work with Endlicher; he edited fasc. 1-46 (1840-1868). For his own contributions see 1(1): 184-185. 1906. For the plan of the work see Martius, Fl. bras. 23(1) Int. Bl. 17-23. 1840.

Facsimile ed.: Cramer (Weinheim) 1965; the complete work; vol. 3(4): 317-672, *pl. 76-133* was already reprinted full size in 1920.

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		137-160	*45-49*	37	1 Dec 1864
		161-264	*50-75*	68	1 Mar 1875
	2	1-136	*1-44*	44	15 Jul 1868
		137-308	*45-107*	41	15 Mai 1866
		309-336		44	15 Jul 1868
		t.p.		54	1 Jul 1871
6	1	1-180	*1-53*	26	30 Jul 1860
		181-248	*54-66*	40	1 Dec 1865
		249-328	*67-85*	45	1 Aug 1868

vol.	pars.	columns	*plates*	fasc.	dates
6	1	329-340		54	1 Jul 1871
	2	1-180	*1-50*	62	1 Jun 1873
		181-398	*51-102*	69	1 Feb 1876
	3	1-134	*1-44*	87	1 Jul 1882
		137-442	*45-108*	93	1 Mai 1884
	4	1-126	*1-38*	78	1 Aug 1878
		129-176	*39-47*	80	1 Dec 1878
		177-378	*48-104*	95	1 Jun 1885
	5	1-470	*1-67*	84	1 Jul 1881
		471-486		101	15 Feb 1888
	6	1-124	*68-93*	101	15 Feb 1888
		125-466	*94-151*	104	15 Jun 1889
7		1-36	*1-14*	17	15 Mar 1856
		37-118	*15-47*	32	15 Jan 1863
		119-182	*48-66*	35	10 Jul 1863
		183-198	*67-71*	46	1 Aug 1868
		199-362	*72-124*	48	1 Aug 1869
		363-424	*125-131*	52	1 Mar 1871
8	1	1-64	*1-13*	19	28 Feb 1857
		65-226	*14-38*	22	24 Jul 1858
		229-340	*39-57*	30	15 Jan 1862
		341-428	*58-68*	36	1 Dec 1864
		429-448		118	15 Mai 1896
	2	1-230	*69-96*	118	15 Mai 1896
		229-452	*97-121*	121	15 Feb 1897
9		1-164	*1-31*	7	1 Jun 1847
		169-308	*32-50*	10	1 Oct 1851
		309-322		54	1 Jul 1871
10		1-228	*1-19*	6	1 Jul 1846
		233-256	*20-22*	9	1 Jun 1847
		257-324	*23-59*	16	15 Mar 1856
		325-338		54	1 Jul 1871
11	1	1-124	*1-41*	28	15 Feb 1861
		125-258	*42-71*	75	1 Feb 1878
		261-370	*72-91*	82	1 Dec 1879
	2	1-292	*1-42*	61	1 Feb 1873
		293-752	*43-104*	64	1 Mai 1874
12	1	1-124	*1-22*	21	1 Jun 1858
		125-258	*23-51*	81	1 Dec 1878
		261-380	*52-78*	97	1 Apr 1886
		381-486	*79-110*	102	1 Apr 1888
		487-522	*111-112*	105	15 Aug 1889
	2	1-74	*1-13*	60	1 Dec 1872
		77-294	*14-61*	65	1 Sep 1874
		297-432	*62-91*	71	1 Sep 1876
		433-548	*92-118*	74	1 Dec 1877
	3	1-114	*1-24*	96	1 Mar 1886
		117-250	*25-50*	98	1 Nov 1886
		251-456	*51-80*	109	15 Jul 1891
		457-624	*81-114*	111	15 Apr 1892
13	1	1-64	*1-14*	2	1 Jan 1841
		65-120	*15-27*	31	15 Jan 1863
		121-236	*28-53*	38	1 Dec 1864
		237-344	*54-68*	39	1 Dec 1865
		345-526	*69-105*	55	1 Oct 1871
		529-654	*106-128*	57	1 Mar 1872
	2	1-182	*1-38*	67	1 Mar 1875
		185-370	*39-67*	73	1 Oct 1877

vol.	pars.	columns	*plates*	fasc.	dates
13	2	373-396	*68-69*	88	1 Mai 1882
	3	1-82	*1-30*	63	1 Apr 1874
		85-170	*31-48*	91	1 Aug 1883
		173-224	*49-57*	106	15 Aug 1889
		225-346	*58-80*	113	1 Jul 1892
		345-466	*81-99*	122	1 Sep 1897
		465-680	*100-123*	124	1 Apr 1900
14	1	1-468	*1-35*	18(1)	15 Mai 1857
		469-528	*36-82*	18(2)	1 Feb 1858
		529-656		18(3)	15 Jan 1859
		t.p.		54	1 Jul 1871
	2	1-76	*1-22*	42	17 Apr 1867
		77-128	*23-35*	43	17 Apr 1867
		129-218	*36-52*	54	1 Jul 1871
		221-324	*53-72*	56	1 Feb 1872
		325-418	*73-91*	58	1 Mai 1872
	3	1-204	*1-48*	89	1 Mar 1883
		205-510	*49-108*	94	1 Mai 1885
	4	1-212	*1-45*	99	1 Dec 1886
		205-398	*46-79*	100	1 Nov 1887
		397-656	*80-130*	103	15 Aug 1888
15	1	1-216	*1-56*	24	30 Jul 1859
		217-350	*57-127*	29	15 Jan 1862
		t.p.		54	1 Jul 1871
	2	1-254	*1-66*	50	1 Dec 1870
		257-528	*67-138*	70	1 Jul 1876

Supplementum: 1915 (Nat. Nov. Jun 1915), p. [ii-vii], *pl. 3, 4, 5, 6, 12, 14, 15, 16, 17, 18, 19, tab. pharm. 1*, all col. and uncol. Published by Karl W. Hierseman, as "C. Fr. Ph. de Martius specimina xii generum Cinchonae et Palicureae (e familia Rubiacearum) tabulis aeneis coloratis illustrata ... " Leipzig (apud Karl W. Hierseman) s.d. – A number of plates which had remained unpublished and for which coloured as well as uncoloured copies had been made. *Copy*: M.

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Publ.: 1842-1847, see below, p. [i-iii], [1]-140, *pl. 1-32*. – *Copies*: MO, NY; IDC 5401. – Alternative title (h.t.): "*Palmetum orbignianum*. Descriptio palmarum in Paraguaria et Bolivia crescentium, secundum Alc. de Orbigny exempla, schedulas et icones digessit Car. Fr. Ph. de Martius."

text pages	livraison	dates	plates	livraison	dates
1-16	68	1842	*11,20*	70	1843
17-40	69	1843	*12, 19, 21*	71	1843
41-64	72	1844	*22*	72	1844
65-104	75	1844	*23*	73	1844
105-128	77	1844	*14*	77	1844
129-140	90	1847	*13*	80	1845
			16,17	81	1845

text pages	livraison	dates	plates	livraison	dates
plates (in vol. 8, Atlas, botanique)			*18*	82	1846
2	1	1834	*24*	83	1845
1, 3-5	64	1842	*28, 29*	85	1846
6, 7	65	1842	*15, 31*	86	1846
9, 10	66	1842	*27, 30*	87	1846
8	67	1842	*25, 26, 32*	90	1847

The 32 plates of the *Palmetum Orbignianum* form part of the botanical section of the Atlas volume (vol. 8). The botanical plates are copper-engravings and lithographs of drawings by A. Chazal, J. Delarue and P. Oudart. 39 Originals by Delarue are at the Paris Muséum (Ms. 329).
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Publ.: Dec 1850, p. [1]-30 (3-30 columns). *Copies*: H, M, US. – Reprinted Gel. Anz. bayer. Akad. Wiss. 31: 717-719, 721-728, 729-736, 737-744, 745-747 [columns]. 1850.
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5544. *Wegweiser für die Besucher des k. botanischen Gartens in München*, nebst einem Verzeichnisse der in demselben vorhandenen Pflanzengattungen, ... München (Christian Krause) 1852. Duod. (*Wegweis. bot. Gart. München*).
Publ.: Jan-Mai 1852 (Flora rd. Jun-Aug 1852), p. [i]-vi, [1]-169, 2 maps. *Copies*: FI, G, H, M.
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Publ.: 2-13 Jan 1858, p. [i], [1]-24. *Copies*: H, M. – Incomplete reprint from a series of papers published in Gel. Anz. bayer. Akad. Wiss. for 1858 (numbers refer to colums) 1: 9-16. 2 Jan, 2: 17-24, 4 Jan, 3: 25-32. 6 Jan, 4: 33-40. 9 Jan, 5: 41-48. 11 Jan, 6: 49-51. 13 Jan 1858.

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Martius, Carl [Karl] **Friedrich Phil. Sigm.** (1829-1899), German physician and botanist; Dr. med. Erlangen 1853; habil. ib. 1857; from 1858-1868 practicing physician at Nürnberg; from 1868 regional physician ib.; from 1873-1899 regional physician at Ansbach; son of T. W. C. Martius (*C. Mart.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Rehder 3: 470.
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Martius, Ernst Wilhelm (1756-1849), German pharmacist and botanist at Erlangen; father of C. F. P. von Martius; founder, with Hoppe, of the Regensburgische botanische Gesellschaft. (*E. Mart.*).

HERBARIUM and TYPES: BR (incorporated in the herbarium of C. F. P. von Martius).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 456; BM 3: 1257; CSP 4: 269, 8: 348, 12: 490; Dryander 3: 5, 154, 5: 61; Herder p. 78, 409; IH 2: 510; Kew 3: 609; Moebius p. 426; Lasègue p. 337; Moebius p. 426; NI 1282-1283; PR 5877-5878 (ed. 1: 6577-6579); Quenstedt p. 282; Rehder 5: 550; Tucker 1: 465.
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Martius, Heinrich von (1781-1831), German botanist. (*H. Mart.*).

HERBARIUM and TYPES: Unknown.

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Martius, Theodor Wilhelm Christian (1796-1863), German pharmacist and botanist at Erlangen; brother of C. F. P. von Martius. (*T. Mart.*).

HERBARIUM and TYPES: BR (in the C. F. P. von Martius herbarium).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 456 (b. 1 Jul 1796, d. 15 Sep 1863); BM 3: 1257; CSP 4: 269-270, 8: 348, 12: 490; Herder p. 409; IH 2: 510; Moebius p. 417; MW p. 300; PR 5914-5915 (ed. 1: 6617); Rehder 5: 551; Tucker 1: 466.
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Martrin-Donos, Julien Victor, Comte de (1802-1870), French botanist. (*Martrin-Donos*).

HERBARIUM and TYPES: Unknown; some material at CGE and DBN.

NOTE: Barnhart has b. 1800 (d. 29 Apr. 1860), but Astre (1966) is probably correct with 1802.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 671; Barnhart 2: 456; BL 2: 205, 689; BM 3: 1258; CSP 4: 270, 8: 348; GR p. 287, cat. p. 67; Herder p. 296; IH 2: 510 Jackson p. 291; Kew 3: 609; PR 5916-5918; Rehder 5: 551; TL-2/1: see Gautier, M. C. G. , Jeanbernat, E. M. J. ; Tucker 1: 466.
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Marty, Pierre (1868-?) Belgian palaeobotanist. (*Marty*).

HERBARIUM and TYPES: Unkown.

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Collaborator: Maurice Langeron (1874-1950), herbarium and types at P, and PC (IH 2: 410).
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Martyn, John (1699-1768), British physician and botanist at London and Cambridge. (*J. Martyn*).

HERBARIUM and TYPES: CGE; some further material at OXF. Correspondence at BM.

Manuscripts and 58 original plates by van Huysum at Royal Society, London; correspondence at BM(NH).

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 234, 311, 345; Backer p. 357; Barnhart 2: 456; BB p. 208; Blunt p. 132, 151, 203; BM 3: 1258, 7: 805-806; Clokie p. 207-208; Dawson p. 244, 649; Desmond p. 424; DNB 36: 317; Dryander 5: 347; DU 193-194; GF p. 67; Henrey 1: 150, 2: 728-729 [index], 3: 81-82; Herder p. 82; HU 476, 517 and 2(1): p. cxcvi, cxcvii, cciv, ccv; IH 2: 510; Jackson p. 578; Kew 3: 609; Langman p. 483; Lasègue p. 325, 519; LS 17044; Plesch p. 327-328; PR 5919-5922 (ed. 1: 6617-6622); Rehder 5: 551; SO 621, add. 621; Sotheby 505; TL-1/806-807; TL-2/see W. Houston; Tucker 1: 466.

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COMPOSITE WORKS: (1) The compleat herbal: or, the botanical institutions of Mr. Tournefort . . . 1719-1730.

EPONYMY: *Martynia* Linnaeus (1753).

5562. *Methodus plantarum* circa Cantabrigiam nascentium. Londinii (Ex officina Richardi Reily) 1727. Oct. (*Meth. pl.*).

Publ.: 1727, p. [i]-vii, 1-132. *Copy*: USDA. – Based in part on J. Ray *Meth. pl.* See Henrey nos. 1018, 1019 for an abortive new edition started in 1729.

5563. Joannis Martyn *Historia plantarum rariorum* . . . Londini (ex typographia Richardi Reily) 1728. Fol.†. (*Hist. pl. rar.*).

Publ.: 1728[-1737], p. [ii*-iii*], [i]-iv, [1]-52, 50 *plates* (color-printed copp. van Huysum). *Copies*: HU (*50 pl.*), MO (*49 pl.*), *NY* (*40 pl.*); IDC 6056. – One of the earliest works with color-printed plates. See e.g. Sotheby 505.

Re-issue: after 1768, with reset preface and Linnaean index on p. iv of the preface using plant names from Sp. pl. ed. 2: *Copies*: BM, Morton Arboretum (inf. I. MacPhail).

German ed.: 1752-1754, in five parts; decades 1-2 prelinnaean, 5 post-linnaean, p. [i-vi], 1-24, *pl. 1-50* (col. pl. by J. D. Meyer). *Copies*: G, NY, USDA – "Joannis Martyn *Historia plantarum rariorum* ob praestantium denuo editia studio atque opera Joannis Danielis Meyeri pictoris. Johann Martyns *Beschreibung seltener Pflanzen* ihrer Fürtrefflichkeit wegen von Neuem herausgegeben durch Johann Daniel Meyer [1713-1757] Miniatur Mahler . . . " Nürnberg (gedruckt bey Andreas Bieling) 1752. Fol. The plates are mezzotints, partly color-printed.

Second German ed.: 1797, p. [i]-viii, [1]-72, *pl. 1-50* (partly col. printed). *Copies*: G, NY, – "Johann Martyns *Abbildung und Beschreibung seltener Gewaechse* neu übersetzt, systematisch

bearbeitet und mit Anmerkungen begleitet von D. Georg Wolffgang Franz Panzer [1755-1829] ... " Nürnberg (in der Frauenholzischen Kunsthandlung) 1797. Fol.
Note on post 1768 re-issue: See MacPhail, I. and W. J. Hess, Huntia 3: (in press) on the date of the Linnaean index. Internal evidence makes it clear that this index was prepared after 1768 and added to original sheets thus producing anomalous copies which may still, with some liberty, be called re-issues. For a full analysis of a copy of the original issue, (with complete preface material) and for many additional details, e.g. a list with modern names of the depicted plants, see HU 476.
MacPhail, I. and W. J. Hess, Huntia 3(2): 73-81. 1980.

5564. *Tournefort's history of plants* growing about Paris, with their uses in physick; and a mechanical account of the operation of medicines. Translated into English, with many additions. And accomodated to the plants growing in Great-Britain. By John Martyn, F. R. S. in two volumes ... London (printed for C. Rivington, ...) 1732. Oct. (*Tourn. hist. pl.*).
1: 1732, p. [i*-xii*], [i]-lxvii, [lxviii], [1]-311.
2: 1732, p. [ii-iii], [1]-362, index Z $[_6]$-Hh $[_4]$. *Copy*: NY.

Martyn, Thomas (1735-1825), British botanist; at Cambridge from 1762; son of John Martyn. (*Martyn*).

HERBARIUM and TYPES: Unknown. The Martyn herbarium at CGE was made by Thomas Martyn's father John Martyn (1699-1768) (see above) and consists mostly of plants cultivated at Cambridge. Correspondence at BM.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 656; Barnhart 2: 456; BB p. 208; BM 3: 1259, 7: 806; Bossert p. 255; CSP 4: 270; Dawson p. 584-585, 793; Desmond p. 424; DNB 36: 321; Dryander 5: 347; DU 196; GF p. 67; Henrey 2: 729 [index], 3: 82-83; Herder p. 146; Hortus 3: 1199 ("Martyn"); HU 621; 721, 732; Jackson p. 578; Kew 3: 609; Langman p. 483; NI 1291-1292; Plesch p. 328; PR 5923-5931 (ed. 1: 6623-6631); Rehder 5: 551; SO 34a-c, 99a, 637i, 701-708, 751-753, 746, add. 1230b-c, 2200; Sotheby 506; TL-1/808-811, 848; Tucker 1: 466; Zander ed. 10, p. 689, ed. 11, p. 786.
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Pearsall, W. H., Fl. Surrey 47-48. 1931.
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Stafleu, F. A., Linnaeus and the Linnaeans 110, 201, 203. 1971; *in* Daniels, G. & F. A. Stafleu, Taxon 21: 630. 1972 (portr.).
Trimen, H. and W. T. Dyer, Fl. Middlesex 392-393. 1869.
Wittrock, V. B., Acta Horti Berg. 3(2): 95. 1903 (d. 3 Jun 1825).
Wolley-Dod, A. H., Fl. Sussex xxxviii. 1937.

NOTE: The anonymous pamphlet "A short account of the late donation of a botanic garden to the University of Cambridge ... Cambridge, printed by J. Bentham printer to the

University" 1763 was written by Richard Walker (1679-1764), vice-master of Trinity College, Cambridge, and not by Th. Martyn. (See Henrey 1953).

5565. *Plantae cantabrigienses*; or, a catalogue of the plants which grow wild in the county of Cambridge, disposed according to the system of Linnaeus. Herbationes cantabrigienses; or, directions to the places, where they may be found, comprehended in thirteen botanical excursions. To which are added, lists of the more rare plants growing in many parts of England and Wales ... London (printed for the author, and sold by Mess. Thurlbourn and Woodyer in Cambridge, and J. Beecroft ...) 1763. Oct. (in fours). (*Pl. cantabrig.*).
Publ.: Apr-Jun 1763 (pref. 10 Apr 1763), p. [i]-xiii, [1]-114. *Copies*: FI, USDA; IDC 6057.

5566. Thomae Martyn, S. T. B. ... *Catalogus horti botanici Cantabrigiensis.* Cantabrigiae [Cambridge] (excudebat J. Archdeacon Academiae typographus. Prostant venales apud J. Woodyer, et T. & J. Merril, Cantabrigiae; J. Beecroft ... et B. White ... Londini) 1771. Oct. (in fours). (*Cat. hort. bot. Cantabrig.*).
Publ.: 1771 (Monthly Rev., London Dec 1771), frontisp., p. [i]-xi, [xii, err.], [1]-193, [1-22, index]. *Copies*: HU, NY, USDA. – The frontispiece is a portrait of Richard Walker (1679-1764) who donated the property for the garden. For bibl. details see HU 621.
Ref.: Stearn, W. T., Intr. Ray Soc. fasc. Linnaeus, Sp. pl. 78. 1957.

5567. Thomae Martyn prof. botan. *Mantissa plantarum horti botanici cantabrigiensis.* Cantabrigiae [Cambridge] (Excudebat J. Archdeacon Academiae Typographus. Prostant vernales apud J. Woodyer, et T. & J. Merrill, Cantabrigiae; J. Beecroft ... et B. White ... Londini) 1772. Oct. (in fours). (*Mant. pl. hort. cantabrig.*).
Publ.: 1772, p. [i], [1]-31, [32-37, ind., 38 err.]. *Copy*: USDA.

5568. *Letters on the elements of botany.* Adressed to a lady. By the celebrated J. J. Rousseau. Translated into English, with notes, and twenty-four additional letters, fully explaining the system of Linnaeus ... London (printed for B. White and Son, ...) 1785. Oct. (*Lett. elem. bot.*).
Publ.: Translation by Th. Martyn of J. J. Rousseau, *Lettres élémentaires,* with additional material of his own. Plates issued separately as *Thirty-eight plates,* see below.
Ed. 1: 1785, p. [i]-xxiii, [xxiv, err.], [1]-503, [1-28, index]. *Copies*: G, MO.
Ed. 2: 1787, p. [i*], [i]-xxv, [1]-500, [1-28, index]. *Copies*: G, NY, USDA – "The second edition, with corrections and improvements. London (id.) 1787. Oct.
Ed. 3: 1791, n.v.
Ed. 4: 1794, p. [i]-xxiv, [1]-503, [1-28, index]. *Copies*: B, NY, USDA. – "The fourth edition, with corrections and improvements." London (printed for B. and J. White, ...) 1794. Oct.
Ed. 5: 1796, p. [i]-xxiv, [1]-503, [1-28, index]. *Copies*: NY, US. – "The fifth edidition, ... " London (id.) 1796. Oct.
Ed. 6: 1802, p. [i]-xxiv, [1]-503, [1-28, index]. *Copy*: NY, – London (id.) 1802. Oct.
Ed. 7: 1807, p. [i]-xxiv, [1]-503, [1-28, index]. *Copies*: BR, MICH, MO, – London (id.) 1807. Oct.
Ed. 8: 1815 (n.v.), fide Henrey 1028.

5569. *Thirty-eight plates,* with explanations; intended to illustrate Linnaeus's system of vegetables, and particularly adapted to the Letters on the elements of botany ... London (printed for B. White and Son, ...) 1788. Oct. (*Thirty-eight plates*).
[*Ed. 1*]: 1 May 1788 (date on plates; Gent. Mag. Sep 1788), p. [i]-vi, 1-72, *pl. 1-38,* hand coloured copper engravings of drawings by F. P. Nodder. *Copies*: MO (plates uncolored), US.
[*Ed. 2*]: 1794, p. [i]-vi, 1-72, [1-2, adv.], *pl. 1-38* (id.). *Copies*: FAS, HU, MO, NY(2). – London (printed for B. and J. White, ...) 1794. Oct.
[*Ed. 3*]: 1799, p. [i]-vi, 1-72, *pl. 1-38* (id.). *Copies*: BR, G, MICH, MO(2), NY, UC.
[*Ed. 4*]: 1817, p. [i]-vi, 1-72, *pl. 1-38* (id.). *Copies*: NY, US. – "a new edition". London (printed for Longman, Hurst, Rees, Orme and Browne; ...) 1817. Oct.

5570. *Flora rustica*: exhibiting accurate figures of such plants as are either useful or injurious in husbandry. Drawn and engraved by Frederick P. Nodder, botanic painter to her

majesty, and coloured under his inspection. With scientific characters, popular descriptions, and useful observations ... London (published by F. P. Nodder, ...) 1792-1794[-1795], 4 vols. Oct. (*Fl. rust.*).
Artist: Frederick Polydore Nodder (fl. 1777-1800).
Publ.: In parts of which the contents and dates are still unknown: "... for here is a work lacking signatures, page numbers, press figures, and chainlines" (Stevenson, in HU 7~~21~~). The 144 plates are hand-coloured engravings which carry dates: three-monthly from Nov 1791 to [*142*] Oct 1794. At this period the dates on the plates were often indeed dates of publication, and hence they have to be accepted as such until evidence to the contrary is produced. *Copies*: G, MO, NY, USDA. – Copies vary in the way in which the plates are bound. See also Henrey 1023.
Vol. 1: 1792 (t.p.), p. [i-xx], *pl. 1-39*, with text, [1-2, index].
Vol. 2: 1792 (t.p.), p. [i], *pl. 40-72*, with text, [1-4, index].
Vol. 3: 1793 (t.p.), p. [i], *pl. 73-114*, with text, [1-2, index] (printer B. M'Millan).
Vol. 4: 1794[-1795], p. [i], *pl. 115-144*, with text, [1-2, index].
Re-issue: 1802-1804, n.v.

5571. *The language of botany*: being a dictionary of the terms made use of in that science, principally by Linneus [sic]: with familiar explanations, and an attempt to establish significant English terms. The whole interspersed with critical remarks ... London (printed for B. and J. White, ...) 1793. Oct. (*Lang. bot.*).
Ed. 1: Jun-Jul 1793 (p. viii: 8 Feb 1793; Gent. Mag. Jul 1793), p. [i]-xxviii, dictionary sign. B-Y2 *Copies*: G, NY.
Ed. 2: 1796, p. [i]-xxiii, dictionary C_6-Ee_6 [304 p.].*Copies*: G, NY. – "The second edition, corrected and enlarged ..." London (printed by J. Davis, for B. and J. White, ...) 1796. Oct.
Ed. 3: 1807, p. [i]-xxiii, dictionary sign. C_6-Ff_3. *Copy*: NY. – "The third edition, corrected and enlarged ..." London (printed by T. Bensley, ... for John White, ...) 1807. Oct.

5572. *Introduction à la botanique*, ouvrage destiné à l'usage de ceux, qui veulent s'intruire [sic] dans cette science; et pour servir d'explication à trenthuit gravures enluminées d'après nature, publiées en anglois par Thomas Martyn, ... en françois et hollandois par J. van Noorden MD. vol. 1. À Londres (chez Vernor & Hood, ...), Rotterdam (chez L. Bennet, ...) 1798. Oct. (*Intr. bot.*).
Author of revised text: J. van Noorden.
Publ.: 1798, p. [i]-xix, [1]-252, 1-32 expl. pl., *pl. 1-12* (col. copper engr. by G. Kitsen). *Copies*: G, L. – Alternative t.p. in dutch: "*Inleiding tot de kruidkunde, ...*".

Marum, Martin [Martinus] **van** (1750-1837), Dutch physician and naturalist; Ph. D. Groningen 1773; main founder of the collections and library of Teyler's Stichting at Haarlem. (*Marum*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 356; Barnhart 2: 456; CSP 4: 270-272, 17: 65; Dawson p. 585-587, 945 [index]; Dryander 2: 458, 3: 374; DSB 9: 151-152; Herder p. 113; JW 1: 446, 2: 196, 3: 361, 4: 398, 5: 246; NNBW 10: 588; Plesch p. 283; PR 5932-5934 (ed. 1: 6632-6634); Quenstedt p. 283; Rehder 5: 551.
A.Q., Annuaire Acad. roy. Belg. 6: 140-149. 1840 (bibl.).
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Poggendorff, J. C., Biogr.-lit. Handw.-Buch 2: 68-69. 1863.

Steenis-Kruseman, M. J. van, *in* R. J. Forbes, Martinus van Marum, life and work, 3: 127-174. 1974 (reprint with additional notes and index distr. by author; study of van Marum's botanical and horticultural activities).
Uitewaal, A. J. A., Succulenta 19: 49-55, 65-70. 1937.
Veen, H., Ned. Tijdschr. Geneesk. 82(1): 42-66. 1938 (portr.).

MAIN TREATMENT: R. J. Forbes et al., eds., Martinus van Marum, life and work, vols 1-6, Haarlem 1969-1976. Contains e.g. J. G. de Bruyn, Van Marum bibliography (1: 287-360. 1969), a biography by A. M. Muntendam (1: 1-72), a biographical index of M's friends and correspondents by R. J. Forbes (1: 376-400), the text of his travel diaries (2, 1970), botany and gardening by M. J. van Steenis-Kruseman (3: 127-174. 1971), a facsimile reprint of his Cat. pl. jard. Marum (5: 377-445); correspondence (6, 1976).

EPONYMY: *Marumia* Reinwardt (1825), *Marumia* Blume (1831).

5573. *Catalogue des plantes* cultivées au printems 1810 *dans le jardin de M. van Marum* à Harlem. Imprimé aux frais de l'auteur, pour servir à ses correspondans botanistes, et faciliter les échanges réciproques. [1810]. Oct. (in fours). (*Cat. pl. jard. Marum*).
Publ.: 1810 (p. viii: Feb 1810), p. [i]-viii, [1]-64. *Copy*: G.
Facsimile repr.: 1974 in E. Lefebvre and J. G. de Bruyn (R. J. Forbes et al.), Martinus van Marum, Life and work 5: 377-445. 1971, (preface material and index in new type).

Marzari-Pencati, Giuseppe, Conte (1779-1836), Italian botanist. (*Marzari-Pencati*).

HERBARIUM AND TYPES: Museo Civico de Vicenza, now destroyed. (see Saccardo 2: 69 for further details on collections).

BIBLOGRAPHY and BIOGRAPHY: BL 2: 414, 689; BM 3: 1260; CSP 4: 274; GR p. 534; IH 2: 1260; Kew 3: 610; LS 17049; PR 5935-5936 (ed. 1: 6635-6636); Quenstedt p. 283; Rehder 5: 551; Saccardo 1: 105, 2: 69; Tucker 1: 466.
Anon., Flora 20: 288. 1837 (d. 30 Jun 1836).
Burckhart, R. W., The spirit of system 195, 199-200. 1977.
Pichi-Sermolli, R. E. G., Taxon 3: 91. 1954.

EPONYMY: *Marzaria* A. de Zigno (1867). *Note*: The derivation of *Marzaria* Rafinesque (1840) could not be established.

5574. *Elenco delle piante spontanee* fino ad ora osservate *nel territorio di Vicenza*. Milano (Dalla Tipografia Milanese di Tosi e Nobile) 1802. Oct. (*Elenc. pl. Vicenza*).
Publ.: 1802, p. [1]-58. *Copies*: FI, G(2). – Author's name on p. 15.

Marzell, Heinrich (1885-1970), German botanist, classicist and linguist; Dr. phil. München 1911; from 1918-1950 high school teacher at the Realschule Gunzenhausen; Leibnitz Medaille 1954. (*Marzell*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 456 (b. 23 Jan 1885); BFM 3241; BJI 2: 113; TL-2/2571.
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Ficker, H., Acta phytotherap. 18: 144-145. 1971 (d. 20 Nov 1970).
Janchen, E., Österr. bot. Z. 86: 308-309. 1937 (rev. Lief. 1, Wörterb. deut. Pfl.-Namen).
Paul, H., *in* Wörterb. deut. Pflanzennamen part 23: [2 p.]. 1976.
Poggendorff, J. C., Biogr.-lit. Handw.-Buch 7a(3): 214. 1958. (b. 23 Jan 1885; bibl.).

NOTE: M's main work is his *Wörterbuch der deutschen Pflanzennamen* of which the first instalment (*Abelia-Agrimonia*) appeared in 1937, the first volume (*Abelia-Cytisus*) was completed in 1943 and of which Lieferung 35 (Band 4, Lief. 6, *Trigonella-Vaccinium*) was published in 1978 by

S. Hirzel Verlag, Stuttgart (originally: Leipzig). The book is now edited, on the basis of M's manuscript left on his death, by Heinz Paul.

5575. *Neues illustriertes Kräuterbuch.* Eine Anleitung zur Pflanzenkenntniss unter besonderer Berücksichtigung der in der Heilkunde, im Haushalt und in der Industrie verwendeten Pflanzen, sowie ihrer Volksnamen ... Reutlingen (Enklin & Laiblins Verlagsbuchhandlung) 1921. Oct. (*Neu. ill. Kräuterb.*).
Publ.: Jan-Feb 1921 (ÖbZ), p. [1]-711, *pl. 1-32* (col.). *Copy*: USDA.

Masamune, Genkei (1899-x), Japanese botanist working on Asiatic Orchidaceae and the flora of the Ryukyu Archipelago. (*Masam.*).

HERBARIUM and TYPES: TI (early work; up to ca. 1935); further material in KANA (post war) and TAI (Taiwan mat.) (inf. H. Hara).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 456 (b. 22 Apr 1899); Hortus 3: 1199 ("Masam."); IF suppl. 3: 213, 4: 330; IH 2: 510: MW p. 300-302, suppl. p. 217-220 (bibl.); Roon p. 74.

5576. *Short flora of Formosa* or an enumeration of higher cryptogamic and phanerogamic plants hitherto known from the Island of Formosa and its adjacent islands. Edited by Masamune Genkei cooperated with Fukuyama Noriaki, Kamikôti Shizuka, Sasaki Syun'iti, Suzuki Shigeyoshi, Hosokawa Takahide, Mori Kunihiko, Shimada Hidetaro, Suzuki Tokio. Taihoku, Taiwan. (The editorial department of Kudoa) 1936. (*Short fl. Formosa*).
Publ.: 1936, p. [i-x], [1]-410. *Copy*: USDA. – Frontisp. portr. of Y. Kudô.

Masclef, Amédée (1858-?), French clergyman and botanist, teacher at the Petit-Séminaire of Arras (*Masclef*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 105, 190, 689; BM 3: 1260; CSP 17: 70; Kew 3: 611; LS 17052; NAF ser. 2. 4: 44; Plesch p. 328-329; Rehder 5: 551; Tucker 1: 467.

5577. Contributions à la flore du département du Pas-de-Calais. *Notice sur l'herbier du Musée de la ville d'Arras* ... Arras (Imprimerie Ve Schoutheer-Dubois ...) 1885. (*Not. herb. Musée Arras*).
Publ.: 1885, p. [1]-20. *Copy*: USDA. – Reprinted from Annales du Musée de la Ville d'Arras.

5578. *Catalogue raisonné des plantes vasculaires* du département *du Pas-de-Calais* ... Arras (Sueur-Charruey), Paris (F. Savy, ...) 1886. Oct. (*Cat. pl. Pas-de-Calais*).
Publ.: Jan 1886 (Nat. Nov. Jan(1) 1887; Bot. Centralbl. 24-28 Jan 1887; Bot. Zeit. 28 Jan 1887, Apr(1,2) 1887; J. Bot. Feb 1887), p. [i]-lii, [1]-214, table. *Copy*: G.
Ref.: Bonnier,G., Bull. Soc. bot. France 34 (bibl.): 33-35. 1887 (rev.).

5579. *Atlas des plantes de France* utiles, nuisibles et ornementales, 400 planches coloriées représentant 450 plantes communes avec de nombreuses figures de détail et un texte explicatif des propriétés des plantes, de leurs usages et applications en médecine, agriculture, horticulture, dans l'industrie, l'économie domestique, etc. par A. Masclef. Complément de la Nouvelle flore de MM. Gaston Bonnier et de Layens. Paris (Librairie des sciences naturelles, Paul Klincksieck, ...) [1890-] 1893, text and atlas. Qu. (*Atlas pl. France*).
Vol. 1, texte: 1890-1893 (p. 8: 15 Jul 1891), p. [1]-8, [1]-367, [368, index].
Vol. 2, plates(1): 1890 (t.p. 1891)-1893, p. [i-iii], *pl. 1-200* (col. liths.).
Vol. 3, plates(2): [1892-] 1893 (t.p.), p. [i-iii], *pl. 201-400* (id.).
Copies: G, MO, NY, USDA. – Published in 40 parts of 10 plates each, with 8 p. text, 1891-1893. *Parts 1-12* were already announced by Bot. Zeit. on 26 Sep 1890. The NY copy has title-pages for vols. 2 and 3 dated 1893. Part 1 came out Jan 1890 (ÖbZ 1 Feb 1890).

5580. *Atlas des plantes médicinales et vénéneuses de France* 137 planches coloriées extraites de l'

"Atlas des plantes de France" avec un texte nouveau indiquant les propriétés médicinales de plus de 150 plantes . . . Paris (Librairie des sciences naturelles Paul Klinçksieck . . .) s.d. (*Atlas pl. méd.*).
Co-author: H. Rousseau.
Publ.: after 1893 (no date in volume), p. [i,iii], [1]-128, pl. 1-137 (new numbers; the old numbers of the Atlas pl. France are also present). *Copy*: MO.

Masferrer y Arquimbau, Ramón (1850-1884), Spanish military physician and botanist on the Canary Islands and the Philippines; died of cholera. (*Masf.*).

HERBARIUM and TYPES: Some material at BC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 457 (d. 5 Apr 1884); BL 1: 88, 309, 2: 499, 609; BM 3: 1260-1261; Colmeiro 1: clxxxviii; CSP 10: 740, 17: 70; GR p. 763; Hortus 3: 1199 ("Masf."); IH 2: 511; Kew 3: 611; Langman p. 483; Rehder 5: 551; Tucker 1: 467; Zander ed. 10, p. 689, ed. 11, p. 786.
Anon., Grande Encicl. port. bras. 16: 518.
Vayreda y Vila, E., An. Soc. Hist. nat., Madrid 13: 73-75. 1884.

5581. *Recuerdos botánicos de Tenerife*; ó sea, datos para el estudio de la flora Canaria . . . [Madrid (Real Sociedad española de historia natural) 1880-1882], 3 parts. Oct. (*Recuerd. bot. Tenerife*).
Publ.: 1880-1882 (preprinted or reprinted from Anal. Soc. Esp. Hist. nat. vols. 9-11, 1880-1882).
1: Sep-Dec 1880, p. [1]-62, Anal. 9: 309-369. 1880.
2: Mai-Dec 1881, p. [63]-154, Anal. 10: 139-230. 1881.
3: Apr-Dec 1882, p. [155]-240, Anal. 11: 307-398. 1882. *Copies* (reprints): MO, NY.

Mason, Francis (1799-1874), British missionary and botanist; in the United States 1818-1830; in Burma from 1830. (*F. Mason*).

HERBARIUM and TYPES: NY (via Mitten).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 457 (b. 2 Apr 1799, d. 3 Apr 1874); BB p. 209; BM 3: 1261; CSP 4: 276, 8: 351, 17: 72; Desmond p. 425; IH 2: 511; Jackson p. 379; Kew 3: 612; ME 2: 171, 481; PR 5939-5940; Rehder 5: 551; Tucker 1: 467.
Burkill, I. H., Chapt. hist. bot. India 102, 160, 196. 1965.
Sayre, G., Bryologist 80: 513. 1977.

5582. *The natural productions of Burmah,* or notes on the fauna, flora, and minerals of the Tenasserim provinces, and the Burman empire . . . Maulmain (American Mission Press . . .) 1850. Oct. (*Nat. prod. Burmah*).
Publ.: 1850, p. [i*-xii*], [i]-viii, [1]-322. *Copies*: BM (n.v.), E, LC. – Botany on p. [59]-216. Inf. J. Edmonston.
Ed. 2: see below, Tenasserim (5583a).
Ed. 3, 4: see below, Burmah (5584).

5583. *Flora burmanica,* or a catalogue of plants, indigenous and cultivated, in the valleys of the Irrawaddy, Salwen, and Tenasserim, . . . Tavoy (Karen Mission Press . . .) 1851. Oct.
Publ.:1851, p. [i], [545]-676. *Copies*: B-S, LC, PH. – Preprinted from *Tenasserim* 545-676. 1852 (5583a).

5583a. *Tenasserim*: or notes on the fauna, flora, minerals, and nations of British Burmah and Pegu: with systematic catalogues of the known minerals, plants, mammals, fishes, mollusks, sea-nettles, corals, sea-urchins, worms, insects, crabs, reptiles, and birds; with vernacular names . . . Maulmain (American Mission Press. Thos. S. Ranney) 1852. (*Tenasserim*).
Publ.: 1852, p. [i*-xiv*], [i]-viii, [1]-712. *Copy*: UC (inf. R. Schmid). Section on botany on p. 59-216, on "plants" p. 545-676 (= Flora burmanica, see above). This is a second edition of *Nat. prod. Burmah,* 1850, see above.

5584. *Burmah,* its people and natural productions, or notes on the nations, fauna, flora, and minerals of Tenasserim, Pegu and Burmah, with systematic catalogues of the known mammals, birds, fish, reptiles, insects, mollusks, crustaceans, annalids [sic], radiates, plants and minerals, with vernacular names: ... Rangoon (Thos. Stowe Ranney), London (Trubner & Co. ...), New York (Phinney, Blakeman & Mason, ...) 1860. Qu. (*Burmah*).
Publ.: Third edition of "The natural productions of Burmah ... 1850," publ. 1860, p. [i]-xvii, [1]-913. *Copies*: MICH, NY, PH.
Ed. [*4*]: 1882-1883, 2 vols. *Copies*: NY, UC. – "Burma, ... Rewritten and enlarged by W. Theobald ... " Published by order of the chief commissioner of British Burma, by Stephen Austin & Sons, Hertford. 1882/1883. – William Theobald (1829-1908).
1: 1882, p. [i]-xxiv, [1, err.], [1]-560. Geology, mineralogy and zoology.
2: 1883, p. [i]-xv, errata sheet, [1]-787. Botany.
Ref.: Drude, O., Bot. Jahrb. 6: 74-75. 1885.

Mason, Francis Archibald (1878-1936), British professional chemist and naturalist; director of the biological laboratories of Murphy and Co., Headingley, Leeds. (*F. Mason*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Desmond p. 425.
Blackwell, E. M., Naturalist 877: 64. 1961 (brief biogr.).
Dallman, A. A., ed., N. W. Natural. 11: 58. 1936 (obit., d. 4 Mar 1936).
Palmer, H. T., Nova Hedw. 15: 149-150. 1968 (bibl. Gasteromyc.).
Pearsall, W. H., Naturalist 953: 133-134. 1936 (obit., portr.).

5585. Yorkshire Naturalists' Union [.] *A catalogue of Yorkshire fungi* by the late F. A. Mason, ... completed from the records of the late Alfred Clarke by John Grainger, ... London (A. Brown & Sons, ...) [1937]. Oct. (*Cat. Yorkshire fung.*).
Author of records: Alfred Clarke (1848-1925), *editor*: John Grainger (1904-x).
Publ.: Sep 1937, p. [i]-xii, [1]-110. *Copy*: Stevenson. – Lists of names for each vice-county. See also his Yorkshire Basidiomycetes, Naturalist 1928: 305-310.

Mason, Herbert Louis (1896-x), American botanist; B.A. Stanford 1922; Ph.D. Berkeley 1932; Mills. coll. 1923-1925; Univ. of Calif. Berkeley, in various functions from 1925. (*H. Mason*).

HERBARIUM and TYPES: UC; early collections at DS.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 457 (b. 3 Jan 1896); Bossert p. 256; Hortus 3: 1199 ("H. L. Mason"); IH 2: 511; Langman p. 483-484; Roon p. 74; Zander ed. 10, p. 689, ed. 11, p. 786.
Reifschneider, O., Biogr. Nevada bot. 115-116. 1964 (portr.).

NOTE: Mason published *A flora of the marshes of California,* Berkeley and Los Angeles (University of California Press) 1957, viii, 878 p.

EPONYMY: *Masonophycus* W. A. Setchell & N. L. Gardner (1930). *Note*: *Masonhalea* I. Kärnefelt (1977) is dedicated to Mason Ellsworth Hale Jr. (1928-x), American lichenologist. *Masonia* G. Smith (1952), *Masoniella* G. Smith (1952) and *Masoniomyces* J. L. Crane & K. P. Dumont (1975), commemorate Edmund William Mason (1890-1975), English mycologist, to whom also *Edmundmasonia* C. V. Subramanian (1958) is dedicated. The derivation of *Masonia* C. P. Hansford (1944) is not given by Hansford.

Massalongo, Abramo Bartolommeo (1824-1860), Italian lichenologist and palaeobotanist; high school teacher at Verona; with G. W. Koerber founder of the "Italian-Silesian" school of lichenology. (*A.Massal.*).

HERBARIUM and TYPES: A major part of the original herbarium (mainly lichens and his collection of fossils) is at VER.Massalongo's collections were offered for sale after his death and some parts went elsewhere, e.g. to TO (see Anon., Oest. bot. Z. 11: 134-135. 1861), M,

NAP(lich.), and PAD. Exsiccatae: *Lichenes italici exsiccati*, fasc. 1-10, nos. 1-360, 1855-1856. Sets in several herbaria (see IH, Sayre, and Micheletti 1889). *Schedulae* with descriptions. Massalongo specimens, from his herbarium, were included by Anzi in his *Lichenes rariores veneti*. – Manuscripts and archival material at Museo civico di Verona.

NOTE: Massalongo's name appears on several of his publications with the initials D.A.B.P., standing for "Dottore A. B. Professore Massalongo".

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 301; Barnhart 2: 458; BM 3: 1262-1263; Bossert p. 256; Cesati, Saggio p. 46; CSP 4: 277-278, 8: 351; De Toni 1: lxxxiii; DTS 1: 183; Frank 3(Anh.): 63; GR p. 518-519, *pl.* [*28*], cat. p. 67; Hawksworth p. 184, 196; Herder p. 259; IH 2: 511-512; Jackson p. 578; Kelly p. 143; Kew 3: 613-614; Krempelh. 1: front., 2: 221-309; LS 17067-17106; Merrill p. 379-380; Moebius p. 109; NI 1296-1299; PR 5941-5969, 10493; Quenstedt p. 283; Saccardo 1: 106, 2: 70; SBC p. 126 ("Mass."); Stevenson p. 1250; TL-2/3932; Zander ed. 10, p. 689, ed. 11, p. 786.

Anon., Bonplandia 4: 48. 1856 (Leopoldina member; cognomen Pollini), 8: 249-250, 363. 1860 (d. 25 Mai 1860); Bot. Zeit. 21: 308. 1863; Flora 46: 511. 1863; Bull. Soc. bot. France 2: 138. 1855 (ann. *Lich. ital. exs.*), 7: 415-416. 1860; Flora 43: 367. 1860, 48: 332-334. 1865; Österr. bot. Z. 10: 233. 1860 (d. 17 Mar 1860), 11: 134-135, 176, 1861 (collections for sale; possibly to be bought by Torino), 13: 175. 1863 (collections bought for VER).

Arnold, F., Ber. bayer. bot. Ges. 7: 1-3. 1900 (portr.; biogr., comparison with Nylander).

Briosi, G., Atti Ist. bot. Univ. Pavia Lab. critt. ital. ser. 2. 15: iii-xvii. 1918 (biogr., portr., bibl.).

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Carpenter, M. M., Amer. Midl. Natural. 33(1): 65. 1945.

Cornalia, E. ,Atti. Soc. ital. Sci. nat. 2: 186-206. 1860.

De Toni, G.B., l'Opera lichenologica [di Abramo Massalongo.] Verona 1926, viii, 63p., *9 pl.* (portr.).

Gilbert, P., Comp. biogr. lit. entomol. 247. 1977 (refs. to biogr.).

Gola, G., Abramo Massalongo fitopaleontologo. Verona 1941, viii, 54 p., reprinted Padova 1952 in Lavori Bot., Inst. bot. Univ. Padova 15bis: 1-54. (contains an annotated list of M's palaeobotanical papers).

Hawksworth, D.L. & M. R. D. Seaward, Lichenol. Brit. Isl. 15. 1977.

Krempelhuber, A. von, Flora 37: 305-320. 1854.

Laundon, J. R., Lichenologist 11: 14. 1979 (coll. lichens).

Massalongo, A. B., Bonplandia 3: 64. 1855 (adv. *Lich. ital. exs.*), 5: 112. 1857 (id.; only 20 sets prepared but has constituted another 10 sets), 5: 104-105. 1857 (instr. to collectors Navara exp.).

Micheletti, L., Nuovo Giorn. bot. ital. 21: 245-257. 1889 (index to *Lichenes italici exsiccati*).

Sayre, G., Mem. New York Bot. Gard. 19(1): 145. 1969.

Schmid, R. & M. J., Amer. Orch. Soc. Bull. 43(3): 213-216. 1974 (on M's fossil orchids).

Seemann, B., Bonplandia 1: 103, 216. 1853.

Senoner, Österr. bot. Z. 11: 257-262. 1861 (biogr., bibl.).

Visiani, R. de, Della vita scientifica del dottore Abramo Bartolommeo Massalongo, Venezia 1861, 65 p., reprinted from Atti Ist. ven. ser. 3. 6: 241-305. 1861; translated by A. v. Krempelhuber, Das wissenschaftliche Leben des Dr. A. B. Massalongo, Wien, 1867, 60 p., repr. from Verh. zool.-bot. Ver. Wien 18: 35-94. 1868 (main biogr., bibl., see also Atti Ist. ven., ser. 3. 6: 303-305. 1861).

Ward, H. A., Ann. Rep. U.S. Geol. Survey 5: 379-380. 1885.

Wittrock, V. B., Acta Horti Berg. 3(3): 179. 1905 (b. 13 Mai 1824, d. 25 Mai 1860).

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COMMEMORATIVE VOLUME: G. B. de Toni et al., Abramo Massalongo 1824-1924, Verona (La Tipografica Veronese) 1926. Contains e.g. G. B. de Toni, L'opera lichenologica on p. [1]-60, and a reproduction of so far unpublished lichenological plates (*pl. 1-9*, with text) of Massalongo (ed. by A. Zahlbruckner).

NOTE: A complete set of Massalongo's lichenological publications exists in private library of O. Almborn (Lund).

EPONYMY: *Massalongia* Körber (1855); *Massalongomyces* Ciferri & Tomaselli (1953).

5586. *Nota sulla Lecidea bolcana di Ciro Pollini* . . . Verona (Tipographia Antonelli) 1851. Oct. (*Lecidea bolcana*).
Publ.: 4 Jan 1851 (see p. [1]-7, [8]. *Copy*: G. –Reprinted from Collettore dell'Adige 1(5): 37. 1851 (journal n.v.), also Nuovi Ann. Sc. nat. Verona 5: 283-287. 1851 and (in Latin) Flora 34: 97-100. 1851.

5587. *Sopra le piante fossili dei terreni terziari* del Vicentino osservazioni . . . Padova (Coi tipi di A. Bianchi) 1851. Oct. (*Piante foss. tert. Vicent.*).
Publ.: 1851 (Flora rd. Mar-Apr 1853), p. [3]-263, [264, err.]. *Copies* BR, G, NY, PH, USGS.

5588. *Conspectus florae tertiariae orbis primaevi* . . . Patavii [Padua] (typis A. Bianchi) 1852. Oct. (*Consp. fl. tert.*).
Publ.: Feb-Mar 1852 (p. 6: 12 Feb 1852; rd. Regensburg Mar-Apr 1852), p. [1]-37. *Copy*: USGS. – The last tertiary species mentioned carries the no. 1282. This number is erroneous.

5589. *Sui generi Dirina e Dirinopsis* osservazioni del D.r A. Massalongo. Wien 1852. Qu. (*Dirina*).
Publ.: 1852 (submitted 4 Feb 1852), p. [i], [1]-17, *4 pl.* (uncol. liths.). *Copy*: G. – Reprinted from Verh. zool.-bot. Ges. Wien 1: 207-224. 1851 (1852).

5590. *Sporodictyon* novum lichenum genus auctore A. Prof. Massalongo R. Soc. botanicae ratisbonensis aliarumque sodali. Ratisbonae [Regensburg] 1852. Oct. (*Sporodictyon*).
Publ.: 7 Jun 1852, p. [1, t.p. printed in Italy], [321]-328 (original pages from Flora 35, 7 Jun 1852). *Copy*: G. – This copy of the hybrid reprint lacks *pl. 4* of the journal publ., it is accompanied by the original manuscript.
Reprint: Mai-Jun 1852, p. [i], [1]-9. *Copies*: FH, G. – Reprinted from Nuov. Ann. Sci. nat. Bologna 5: 393-401. Mai-Jun 1852.

5591. *Ricerche sull' autonomia dei licheni crostosi* e materiali pella lora naturale ordinazione . . . Verona (Dalla Tipografia di A. Frizierio) 1852. Qu. (*Ric. auton. lich. crost.*).
Publ.: Jun-Dec 1852 (p. xiv: Mai 1852; Bot. Zeit. 24 Jun 1853), p. [i]-xiv, 1-207, *fig. 1-398* on *64 pl.* (various nos. per plate, uncol. liths. of drawings by the author). *Copies*: BR, FH, G, H, PH, USDA; IDC 584.

5592. *Amphoridium,* novum lichenum genus [Regensburg 1852]. Oct.
Publ.: 14 Oct 1852, p. [1]-6 *Copy*: G. – Reprinted and to be cited from Flora 35: 593-598. 14 Oct 1852.
Ed. 2: Oct-Dec 1852 (p. 12: "kal. Junii"), p. [1]-12, *1 pl. Copy*: G. – Reprinted from Attí Ist. Veneto Sci. ser. 2. 3: 172-181, *1 pl.* 1852. – In view of the uncertainty of the date of publication the Flora publication should be given priority.

5593. *Sapindacearum fossilium monographia* . . . Veronae (typis Ramanzinianis) 1852. Oct. (*Sapind. foss. monogr.*).
Publ.: Sep-Dec 1852 (rd. p. 9: iv kal. Aug 1852; Flora rd. Jan-Feb 1853), p. [1]-28, [1, err.], *pl. 1-6,* uncol. liths. *Copies*: MO, USGS; IDC 5072.

5594. *Enumerazione delle piante fossili miocene* fino ad ora conosciute in Italia . . . Verona (Tip. di Giuseppe Antonelli) 1853. Oct. (*Enum. piante foss. mioc.*).
Publ.: 1853 (p. 9: 1 Feb 1853; Flora rd. before 28 Mai 1853), p. [1]-31. *Copies*: BR, G, NY, USGS.
Ref.: Anon., Bonplandia 1(11): 103-104. 1853 (15 Mai).

5595. *Summa animadversionum* quas fecit Doct. A. Prof. Massalongo in duos postremos fasciculos lichenum helveticorum editos a L. E. Schaerer a. 1852. (Lich. hel. exsicc. fasc. xxv-xxvi). Veronae (typis Antonellianis) 1853; Oct. (*Summa animadvers.*).
Publ.: 1853 (p. 13: kal. Mar 1853; Flora rd 14 Jun-20 Jul 1853;), p. [1]-13. *Copies*: G(2).
Other issue: Mar-Apr 1853, p. [1]-26, [1]. *Copies*: G(2). – Reprinted from Nuov. Ann. Sci.

nat. Bologna 7: 203-228. Mar-Apr 1853. "*Osservazioni sopra i due ultimi fasciculi di licheni* (Lichenes helvetici exsiccati fasc. xxv-xxvi) publicati dallo Schaerer nel 1852.

5596. *Alcuni generi di licheni* nuovamente limitati e descritti ... Verona (Tip. di Giuseppe Antonelli) 1853. (*Alc. gen. lich.*).
Publ.: 1853 (p. 6: 10 Mai 1853; Flora rd Aug 1853), p. [1]-14. *Copies*: FH, G, M.
Ref.: Anon., Flora 37: 319. 1854.

5597. *Plantae fossiles novae* in formationibus tertiariis regni Veneti nuper inventae. Auctore A. D. P. Massalongo. Veronae (typis Ramanzinianis) 1853. (*Pl. foss. nov*).
Publ.: Jul-Dec 1853 (p. 6 Kalendis Quintilibus 1853 [1 Jul 1853]Flora rd Aug 1853;), p. [1]-24, [1, err.]. *Copies*: G, NY, USGS.

5598. *Memorie lichenografiche* con un' appendice alle ricerche sull' autonomia dei licheni crostosi del Dr. A. Prof. Massalongo. Verona (A spese di H. F. Münster) 1853. Qu. (*Mem. lichenogr.*).
Publ.: Jul-Sep 1853 (p. 15: Mai 1853; "wird erscheinen binnen Monatsfrist", adv. Bot. Zeit. 24 Jun 1853; De Notaris had a copy by 6 Oct 1853 (De Toni 1926)). p. [1]-183, [1, err.], *pl. 1-29* (uncol. liths.). *Copies*: B, BR, FH, G(2), H, L, M, PH, USDA; IDC 1075. – The second copy has a *cover* which has a slightly different title: "Memorie lichenografiche. Commentaria lichenographica quibus describuntur lichenes foliosi et fruticulosi Collemaceae, Graphideae, Caliciae. Accedit appendix de lichenibus crustaceis cum 200 figuris lith. auctore A. D.r Massalongo. Verona 1853" (Sumptibus Arminii Münster). Massalongo's manuscript is at the Biblioteca civica di Verona).

5599. *Sulla Lecidea Hookeri* di Schaerer nota del D.r A. P. Massalongo con una tavola litografica. Verona (Colla Tipografia Ramanzini) 1853. Oct. (*Lecidea Hookeri*).
Publ.: Sep-Oct 1853 (p. 9: Aug 1853; Flora rd. Nov 1853), p. [1]-8, [1, expl. pl.], *1 pl.* (uncol. lith. by author). *Copies*: FH, G, H, NY. – The copy at G is accompanied by the author's manuscript.
Ref.: Anon., Flora 36: 696. 1853, 37: 319. 1854.

5600. *Monografia dei licheni blasteniospori* ... [Venezia (Premiata tipografia Cecchini) 1853]. Qu. (*Monogr. lich. blasteniosp.*).
Publ.: 1853, p. [3]-131, *6 pl.* (uncol. liths.). *Copies*: FH, H, L, M. – Atti r. Ist. [Veneto] Sci. ser. 2. 3, appunt. 4. 1852 (1853).
Ref.: Anon., Flora 37: 317-318. 1854.

5601. *Monografia delle Dombeyacee fossili* fino ad ora conosciute del Dott. A. Prof. Massalongo. Verona (Tipografia di G. Antonelli) 1854. Qu. (*Monogr. Dombeyac. foss.*).
Publ.: Mar 1854 (p. 10: 20 Feb 1854; Flora rd. Apr 1854), p. [3]-23, *1 pl.* (uncol. liths.). *Copies*: NY, USGS.

5602. *Geneacaena lichenum* ab A. Prof. Massalongo noviter proposita ac descripta. Verona (typis Ramanzinianis) 1854. Oct. (*Geneac. lich.*).
Publ.: 1-22 Sept 1854 (FH copy rd. by owner on 22 Sep; p. 4: Aug 1854), p. [1]-24, [1, err.]. *Copies*: FH, G, H, M, MO, NY.
Ref.: Anon., Flora 38: 370-373. 28 Jun 1855.

5603. *Neagenea lichenum* del D.r A. B. Prof. Massalongo. Verona (Dalla tipografia Ramanzini) 1854. Oct. (*Neagen. lich.*).
Publ.: Nov-Dec 1854 (p. 10: Oct 1854), p. [1]-10. *Copies*: FH, G(2), M, NY.
Ref.: Anon., Flora 38: 370-373. 28 Jun 1855 (rev.).

5604. *Symmicta lichenum novorum* vel minus cognitorum auctore D. A. B. Prof. Massalongo e quadraginta viris societatis scientiarum Italiae ... Veronae (typis Antonellianis) 1855. Qu. (*Symm. lich. nov.*).
Publ.: Feb-Apr 1855 (p. 12: Jan 1855; Flora rd. Mai 1855), p. [1]-156. *Copies*: FH, G(2), H, M, PH; IDC 586.
Ref.: Anon., Flora 38: 373-376. 28 Jun 1855 (rev.).

5605. *Schedulae criticae* in lichenes exsiccatos Italiae ... Verona (typis Antonellianis) 1855-1856. Qu. (*Sched. crit.*).
Publ.: Mai 1855-Jun 1856, t.p. dated (see also Sayre, 1969, for dates of issue of the exsiccatae), p. [1]-188. *Copies*: BR, FH (incompl.), G (orig. covers), NY, L (incompl.).

fasc.	pages text	numbers exsicc.	dates covers
1	[1]-40	1-30	Mai 1855
2	[i, iii], 41-54	31-64	Jan 1856
3	[i], 55-69	65-104	Jan 1856
4	[i], 71-87	105-137	Feb 1856
5	[i], [87]-106	138-172	Mar 1856
6	[i, iii], 107-123	173-212	Mar 1856
7	[i, iii], 125-140	213-251	Mai 1856
8	[i, iii], 141-156	252-285	Mai 1856
9	[i, iii], 157-172	286-323	Jun 1856
10	[i], 173-188	324-360	Jun 1856

Index: see Micheletti, L., Nuovo Giorn. bot. ital. 21(2): 245-257. Apr 1889.

5606. *Frammenti lichenografici* del D. r A. B. P. Massalongo. Verona (tipografia Ramanzini) 1855. Oct. (*Framm. lichenogr.*).
Publ.: 1855 (p. 27: 5 Jan 1855), p. [1]-27. *Copies*: FH, G, H, M, NY. – See De Toni (1926), p. 30, for further details.
Ref.: Anon., Flora 38: 370-373. 28 Jun 1855 (rev.).

5607. *Zoophycos*, novum genus plantarum fossilium monographia ... Veronae (typis Antonellianis) 1855. (*Zoophycos*).
Publ.: 1855, front. portr. Menegazzi, p. [1]-52, [1, err.], *pl. 1-3* (uncol. liths.). *Copy*: NY. – p. 5-42 contain a biography of Luigi Menegazzi.

5608. *De nonnullis Collemaceis* ex tribu Omphalariearum brevis commentatio ... [Regensburg 1856]. Oct.
Publ.: 14 Apr 1856, p. [1]-7. *Copy*: G. – Reprinted and to be cited from Flora 39: 209-215. 14 Apr 1856.

5609. *De Thamniola genere* lichenum nondum rite definito breve commentarium ... [Regensburg 1856]. Oct.
Publ.: 21 Apr 1856, p. [1]-5. *Copy*: G. – Reprinted and to be cited from Flora 39: 231-235. 21 Apr 1856.

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Publ.: 1 Sep 1908 (t.p.), p. [i], 1g-35g, 36a-83a, 83e-121e, [1], 82 photos, 4 charts, 4 maps. *Copy*: BR, MO. – Annexe to original publication: Bull. Soc. Bot. Belgique 44: 59-129, 192-269, annexe 1-121. 1907; 45: 205-320. 1908, 46: 39-83. 1909.
Ref.: L. Diels, Bot. Jahrb. 43(Lit.): 27-28. 1909 (rev.).

5652. *Esquisse de la géographie botanique de la Belgique* ... Bruxelles (Henri Lamertin, éditeur libraire ...) 1910. Oct. (*Esq. géogr. bot. Belgique*).
Publ.: 1910 (Nat. Nov. Jul(2) 1910), p. [i]-xi, [1]-332. *Copies*: MO, US. – Recueil Inst. bot. Errera tome suppl. 7bis, 1910, with "annexe" with 216 and 246 photos, 9 maps, 2 charts, with text [i]-xiii.
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Massee, George Edward (1850-1917), British mycologist at Kew (1893-1915); travelled in South America with Richard Spruce. (*Massee*).

HERBARIUM and TYPES: NY; further material at BM, K, MANCH. Drawings in BM.

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5653. *A monograph of the British Gastromycetes* ... [Oxford 1889]. Oct. (*Monogr. Brit. Gastromyc.*).
Publ.: Nov 1899 (Nat. Nov. Feb(2) 1890), p. [1]-103, *pl. 1-4*. *Copies*: L, MO. – Ann. of Bot. 4(13), 1889.

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Part 1: 8 Jun 1889 (cover), J. Linn. Soc. Bot. 25: 107-156, *pl. 45-47*. 1889.
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5655. *British fungi*. Phycomycetes and Ustilagineae. London (L. Reeve & Co., ...) 1891. Oct. (*Brit. fung.*).
Ed. 1: Sep-Oct 1891 (Nat. Nov. Oct(2) 1891; ÖbZ Oct 1891; J. Bot. Dec 1891), p. [i]-xv, [xvi, err.], [1]-232, *pl. 1-8*, uncol. liths. by author. *Copies*: B, BR, NY, Natl. Libr. Scotland, Stevenson, USDA.
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Publ.: Mar 1892 (Nat. Nov. Mar(2) 1892; Bot. Centralbl. 29 Mar 1892; J. Bot. Jun 1892; J. de Bot. Jun 1892; Bot. Zeit. 29 Jul 1892; Cooke rd. his copy Jul 1892; Grevillea Jun 1892; p. [i,iii], [1]-367, *pl. 1-12*. *Copies*: L, MO, NY, Stevenson, USDA.
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Publ.: Jul-Aug 1902 (ÖbZ Aug 1902; Nat. Nov. Sep (1,2) 1902; J. Bot. Oct 1902; Bot. Centralbl. 22 Oct 1902; p.vi: Jun 1902), p. [i*], [i]-vi, [1]-274. *Copies*: B, L, NY Stevenson, USDA.
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5659. *The fungus flora of Yorkshire*. A complete account of the known fungi of the county ... London (A. Brown & Sons, Limited, ...) and at Hull and York. [1902-]1905. Oct. (*Fung. fl. Yorkshire*).
Co-author: Charles Crossland (1844-1916).
Publ.: in two parts, Nov 1902 and 1905, in Bot. Trans. Yorkshire Natural. Union vol. 4. *Copies*: MO, NY, Stevenson.
1: Nov 1902, l.c. part 28, p. [5]-52.
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The above title was issued Jul 1905. The Transactions t.p. of 1902 have an imprint Leeds (printed for the Yorkshire Naturalists' Union by Taylor brothers), November 1902.

5660. *Text-book of fungi* including morphology, physiology, pathology, classification, etc. ... London (Duckworth and Co. ...) 1906. Oct. (*Text-book fung.*).
Publ.: 1906 (J. Bot. Dec 1906; Nat. Nov. Nov(1) 1906), p. [i]-xi, [1]-427. *Copies*: B, Stevenson, USDA.
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Ref.: A. L. S., J. Bot. 44: 431-432. 1906.

5661. *British fungi* with a chapter on lichens by George Massee ... with forty coloured plates by Ivy Massee. London (George Routledge and sons, ...), New York (E. P. Dutton and Co., ...) [1911]. Oct. (*Brit. fung.*).
Artist: Ivy Massee (*fl.* 1910), daughter of G. E. Massee.
Publ.: Dec 1911 (J. Bot. Dec 1911; Nat. Nov. Jan(1) 1912, Bot. Centralbl. 5 Mar 1912), p. [i-x], [1]-551, *pl. 1-40* (col.), *A-B* (uncol.). *Copies*: G, NY, Stevenson, USDA.
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5662. *Mildews, rusts and smuts* a synopsis of the families, Perenosporaceae Erysiphaceae, Uredinaceae and Ustilaginaceae by George Massee ... assisted by Ivy Massee with illustrations. London (Dulau and Company, Limited, ...) 1913. Oct. (*Mildews, rusts & smuts*).
Co-author: Ivy Massee (see above).
Publ.: Dec 1913 or early 1914 (ÖbZ Oct-Dec 1913 (ann.); J. Bot. Mai 1914; Nat. Nov. Feb(1) 1914; Bot. Centralbl. 31 Mar 1914), p. [i-vii], [1]-229, *pl. 1-4*, uncol. liths. and frontisp. *Copies*: NY, Stevenson, USDA.
Ref.: Ramsbottom, J., J. Bot. 52: 81-82. 1914, Mycol. Centralbl. 4: 207. 1914.

Masson, Francis (1741-1805), British plant collector and gardener, from Kew, at the Cape (1772-1774), Canaries and Azores (1776-1782), Spain and Portugal (1781-1785), Cape (1786-1795), N. America (1798). (*Masson*).

HERBARIUM and TYPES: Plant collector for Kew working for Joseph Banks. Masson's living plants went to Kew and his herbarium specimens (mainly) to Banks (now BM) (some to Lambert). Masson described no new taxa himself. The *Stapeliae novae* are 41 plates engraved after drawings made by him in South Africa. These drawings are now also at BM. Masson collected at the Cape (1772-1774, 1786-1795), Azores (1776), Canaries (1777), Madeira (1778), West Indies (1779-1780), Spain and Portugal (1783), North Africa (1783), North America and E. Canada (1798-1805). Duplicates of Masson's collections are in several herbaria, e.g. BR, CGE, DBN, HAL, LD, LINN, MO, PH, UPS (Thunberg herb.).

NOTE: "Now every garret and cottage-window is filled with numerous species of that beautiful tribe [*Pelargonium*], and every greenhouse glows with the innumerable bulbous plants and heaths of the Cape. For all these we are principally indebted to Mr. Masson ..." (J. E. Smith, in Rees, Cycl. vol. 22, 1812).

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EPONYMY: *Massonia* Thunberg ex Linnaeus fil. (1782).

5663. *Stapeliae novae*: or, a collection of several new species of that genus; discovered in the interior parts of Africa by Francis Masson. London (printed by W. Bulmer and Co. for George Nicol, . . .) 1796. [-1797]. Fol. (*Stapel. nov.*).
Publ.: in four decades, 1796-1797, plates dated as below, p. [i]-viii, [9]-24, *pl. 1-41*. *Copies*: G, MO, NY (has in addition four original sketches), USDA; IDC 6059.
Decas 1: *pl. 1-10*. Apr 1776.

Decas 2: *pl. 11-20*. Mar 1797.
Decas 3: *pl. 21-30*. 20 Mai 1797, but publ. Nov-Dec 1797.
Decas 4: *pl. 31-40*. 20 Jun 1797, *pl. 41*: 1 Jun 1797, almost certainly publ. 1798.
H. S. Miller (1970) mentions a statement by Lambert, dated 4 Nov 1776 that the first number would appear "in a few days"; this agrees with a statement by Banks on 28 Sep 1797 to publish the fasc. "at once" (see Sotheby 509). Apart from this there is no indication that the dates on dec. 1 and 2 are not those of publication (see also TL-1). The *plates* are handcoloured engravings (line and stipple or roulette) of drawings by Masson (made in Africa). – The text was in part reprinted by Usteri, P., Ann. Bot. 22: 14-19. – A *facsimile* reprint was announced by Asher (1974).

Masters, Maxwell Tylden (1833-1907), British physician and botanist; MD. St. Andrews 1862; lecturer, St. George's Hospital, 1855-1868; editor of Gardnener's Chronicle 1865-1907. (*Mast.*).

HERBARIUM and TYPES: K; British material at Canterbury Museum; for duplicates see IH.

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b. *Passifloraceae*, 4(2): 77-114, *pl. 17-26* (fasc. 66): 1 Feb 1875.
(2) *Gardeners Chronicle*, editor 1865-1907.
(3) Oliver, *Fl. trop. afr.*, *Malvaceae*, 1: 175-214. 1868; *Sterculiaceae* 1: 214-239. 1868; *Tiliaceae* 1: 240-268. 1868; *Samydaceae* 2: 492-500. 1871; *Loaseae* 2: 500-501. 1871; *Turneraceae* 2: 501-503. 1871; *Passifloreae* 2: 503-520. 1871.

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HANDWRITING: Clokie p. 280.

EPONYMY: *Mastersia* Bentham (1865), also dedicated to John White Masters, (ca. 1792-1873), English botanist in British India, head gardener of the Calcutta Botanic Garden to 1838); *Mastersiella* Gilg-Benedict (1930); *Maxwellia* Baillon (1871). – The *Masters memorial lectures* of the Royal Horticultural Society, London; from 22 Jun 1909 onward (first lecture delivered by Hugo de Vries).

5664. *Vegetable teratology,* an account of the principal deviations from the usual construction of plants . . . London (Published for the Ray Society by Robert Hardwicke, . . .) 1869. Oct. (*Veg. teratol.*).
Publ.: Sep-Oct 1869 (J. Bot. Oct 1869; BSbF Sep-Nov 1869), p. [i]-xxxviii, [1]-534. *Copies*: FI, G, L, MO, NY, USDA; IDC 7379.
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Ref.: Anon., Flora 53: 43. 22 Feb 1870.

Mathews, Ferdinand Schuyler (1845-1938), American botanist. (*F. S. Mathews*).

HERBARIUM and TYPES: Unknown.

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5665. *Field book of American wild flowers.* Being a short description of their character and habits, a concise definition of their colors, and incidental references to the insects which assist in their fertilization . . . New York, London (G. P. Putnam's Sons . . .) 1902. Oct. (*Field book Amer. wild fl.*).
Ed. 1: Apr 1902, p. [i]-xx, 1-552, *24 pl.* (col.). *Copies*: NY (reprints May 1903, August 1902, Jul 1905, Jul 1909, Mar 1910), US.
Reprints: Aug 1902, Jan 1903, Mai 1903, Jan 1904, Jun 1904, Oct 1904, Jul 1905, Jan 1906, Jun 1906, Feb 1907, Sep 1907, Apr 1908, Dec 1908, Jul 1909, Mar 1910.
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5666. *Field book of American trees and shrubs* a concise description of the character and color of species common throughout the United States, together with maps showing their general distribution . . . New York and London (G. P. Putman's Sons . . .) [1915]. (*Field book Amer. trees*).
Publ.: 1915 (p. xi: 1 Oct 1914; Nat. Nov. Sep 1915; Torreya 12 Jun 1915), front., [i]-xvii, [1]-465. *Copies*: G, MO, NY, US, USDA (twelfth impr.).

Mathews, William (1828-1901), British land surveyor and botanist at Birmingham; MA Cantab. 1856. (*W. Mathews*).

HERBARIUM and TYPES: parts at BIRM, GL, K and WOS (see Bull. misc. Inf. Kew 1906: 172-173).

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Amphlett, J. and C. Rea, Bot. Worcestershire xxv-xxvi. 1909.
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Jackson, B. D., Bull. misc. Inf. Kew 45. 1901 (pl. K).
Kent, D. H., Brit. herb. 68. 1957 (coll.).

5667. *The flora of Algeria,* considered in relation to the physical history of the mediterranean region, and supposed submergence of the Sahara . . . London (Edward Stanford, . . .) 1880. Oct. (*Fl. Algeria*).
Publ.: Oct 1880 (p. [2]: Oct 1880; J. Bot. Jan 1881; Bot. Zeit. 28 Jan 1881; Nat. Nov. Nov(2) 1880), p. [1]-55, map. *Copies*: G, MO. – Proc. Birmingham philos. Soc. 2: 98-150. 1881.
Ref.: N.L., Bot. Zeit. 39: 70. 28 Jan 1881.

Mathias, Mildred Esther [Mrs. Gerald L. Hasler, 1930], (1906-x), American botanist and conservationist at Los Angeles; specialist on Umbelliferae; Ph. D. Washington Univ. 1929; Jessie R. Barr Fellow, Henry Shaw School of botany 1927-1929; Missouri Botanical Garden 1929-1930; at New York Botanical Garden 1932-1936; University of California Berkeley 1937-1942; idem Los Angeles 1947-1974, from 1962 as professor of botany; Tyler Ecology award 1974. (*Mathias*).

HERBARIUM and TYPES: Early material at MO and US, from 1946 at LA.

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EPONYMY: *Mathiasella* Constance & Hitchcock (1954).

Mathieu, Antoine Auguste (1814-1890), French forestry botanist; from 1838 at the École forestière, Nancy. (*A. Mathieu*).

HERBARIUM and TYPES: École forestière, Nancy; further material at DBN.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 460 (d. 13 Nov 1890); BL 2: 105, 689; BM 3: 1266; Herder p. 175; Jackson p. 277; Kew 3: 621; Morren ed. 2, p. 19, ed. 10, p. 66; PR 5974; Tucker 1: 470.
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ment en France . . . Nancy (Grimblot, Veuve Raybois et Comp., imprimeurs-libraires, . . .) 1858. Oct. (*Fl. forest.*).
Ed. 1: 1858 (BSdF rd. 26 Nov 1858), p. [i]-xv, [1]-384. *Copy*: USDA.
Ed. 2: 20 Nov-31 Dec 1860 (p. xii: 20 Nov 1860), p. [i]-xxviii], [1]-455. *Copies*: G, L, NY, USDA. – "*Flore forestière* . . . France et des essences importantes de l'Algérie. Suivies d'une méthode analytique pour en déterminer les principales espèces pendant l'hiver et précédées d'un dictionnaire des mots techniques . . . " Nancy (. . . Nicolas Grosjean, . . .), Paris (Mme Ve Bouchard-Huzard, . . .) 1860. Oct.
Ed. 3: Jan 1877 (p. ix: 21 Apr 1876; BSbF 9 Feb 1877), p. (i]-xxvi, [1]-618. *Copy*: US. – "*Flore forestière* par . . . Description et histoire des végétaux . . . France et des essences importantes de l'Algérie. 3e édition . . ." Paris (Berger-Levrault . . . Vve Bouchard-Huzard, . . .), Nancy (Nicolas Grosjean, . . .) 1877. Oct.
Ed. 4: 1897 (Nat. Nov. Jun(2) 1897), p. [i]-xxxii, [1]-705. *Copies*: G, USDA. – "*Flore Forestière* . . . Quatrième édition revue par P. Fliche . . . Paris (J. B. Baillière), Nancy (Jacques) 1897. Oct. [Paul Henri Maria Thérèse André Fliche (1836-1908)].
Ref.: Anon., Bull. Soc. bot. France 5: 574-576. 1858.
Rehder 1: 404.

Mathieu, Charles Marie Joseph (1791-1873), Belgian pharmacist and botanist at Namur, later at Bruxelles (1857), and at Leur, Netherlands (1863). (*Mathieu*).

HERBARIUM and TYPES: Mathieu gave his herbarium to A. M. A. de Limminghe (1834-1861); it is now mainly at BR.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 460; BL 2: 33, 689; BM 3: 1266; Biogr. nat., Bruxelles 14: 46; GR p. 691, cat. p. 67; IH 2: 443, 514; Jackson p. 271; Kew 3: 621; PR 5975; Rehder 5: 555; SBC p. 126 ("Math."); Tucker 1: 470.
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Evens, F. M. J. C., Gesch. algol. Belgie 182. 1944.
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Supplément: 1855 (BSbF post 6 Mar 1856), p. [i*, iii*], [i]-ii, 7-43.
Copies: G, MO, NY, US, USDA.

Maton, William George (1774-1835), British botanist. (*Maton*).

HERBARIUM and TYPES: LINN. Some material at BM.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 357; Barnhart 2: 461; BB p. 211; BL 2: 273, 689; BM 3: 1266, 7: 810; CSP 4: 284-285; Dawson p. 766; Desmond p. 428; DNB 37: 60; Dryander 1: 94, 5: 42; Henrey 2: 120, 121, 3: 85; Hortus 3: 1199 ("Maton"); IH 2: 514; Jackson p. 259; Kew 3: 622; Langman p. 485; Lasègue p. 138; Rehder 5: 555; SO 135a, 2075, 2608; Tucker 1: 470; Zander ed. 10, p. 689, ed. 11 p. 786 (b. 31 Jan 1774 d. 30 Mar 1835).
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EPONYMY: *Matonia* R. Brown ex Wallich (1829); *Matonia* Stephenson & Churchill (1831); *Matonidium* A. Schenk (1871); *Matoniella* Hirmer & Hoerhammer (1936); *Matonisporites* R. A. Couper (1958).

5670. *Observations relative chiefly to the natural history*, picturesque scenery, and antiquities, *of the Western Counties of England*, made in the years 1794 and 1796 ... Salisbury (printed and sold by J. Easton; ...) 1797. Oct. 2 vols. (*Observ. nat. hist. W. Counties.*).
1: 1797 (p. vi: 22 Apr 1797), p. [iii]-xi, [1]-336, *8 pl.* (uncol. aquatints by Alken).
2: 1797, p. [i], [1]-216, [1-16, index], [1, err.], [1, 6 index], *8 pl.* (id.), mineralogical map.
Copies: E (inf. J. Edmonston), PH.

Matouschek, Franz (1871-?), Bohemian bryologist; at the German University Praha 1893-1894; at the Geological Institute, Praha 1895-1897; high school teacher in Moravia, Bohemia and Austria; later lecturer at the University of Vienna and the Hochschule für Bodenkultur. (*Matousch.*).

HERBARIUM and TYPES: WU; further material at BP, LE, MANCH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 461; CSP 17: 88; DTS 5: l, 6(4): 169; IH 2: 514; LS 17315, suppl. 17629; Maiwald p. 280 [index].
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5671. *Das bryologische Nachlassherbar des Friedrich Stolz* ... Ein Beitrag zur bryologischen Floristik von Tirol und dem angrenzenden Italien, von Bayern, Krain und dem Küstenlande. Bearbeitet von Franz Matouschek, ... Innsbruck (Im Selbstverlage. – Druck der Wagner'schen Univ.-Buchdruckerei) 1903. Oct. (*Bryol. Nachlassherb. Stolz*).
Collector: Friedrich Stolz (1878-1899).
Publ.: Jan 1903 (Allg. bot. Z. 15 Feb 1903; Bot. Centralbl. 10 Mar 1903; Nat. Nov. Mai(1) 1903; Rev. bryol. Nov-Dec 1903), p. [1]-184. *Copies*: B, MO-Steere. – Reprinted from Ber. nat.-med. Ver. Innsbruck 28, 1903.

Matruchot, [Alphonse] Louis [Paul] (1863-1921), French mycologist; at École normale supérieure 1885-1888; librarian École norm. sup. 1888-1895; lecturer Faculté des Sciences, Paris 1895-1900; lecturer École norm. sup. from 1901; from 1905 in addition professor adj., from 1912 professor of cryptogamic botany at the Sorbonne (*Matr.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 94, 209, 321; Barnhart 2: 461; BM 3: 1266; CSP 17: 88-89; DSB 9: 175-176 (bibl.); Hawksworth p. 184, 196; Kelly p. 145; LS 17316-17352, 36739-36742, suppl. 17630-17637; Stevenson p. 1250.
Anon., Mycol. Centralbl. 1: 128. 1912 (app. Sorbonne).
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EPONYMY: *Matruchotia* Boulanger (1893); *Matruchotia* Skupienski (1924); *Matruchotiella* Skupienski ex A. Lister (1925).

5672. Série A, no. 180 ... Thèses présentées à la Faculté des Sciences de Paris pour obtenir le grade de docteur ès sciences naturelles par M. Louis Matruchot ... 1re thèse. – *Recherches sur le développement de quelques Mucédinées*. 2e thèse ... soutenues le [mss: 21] juin 1892 ... Paris (Armand Colin et Cie, ...) 1892. Oct. (*Rech. dével. Mucéd.*).
Thesis issue: 21 Jun 1892, p. [1]-111, [112, thèse], *pl. 1-8* (uncol. liths. auct.). *Copy*: FH.
Trade issue: Jun-Oct 1892 (Bot. Zeit. 4 Nov 1892; Nat. Nov. Jul(3) 1892), p. [1]-111, *pl. 1-8* (id.). *Copy*: BR. – *Recherches* ... *Mucédinées* par ... Ouvrage accompagné de 8 planches. Paris (id.) 1892. Oct.
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Matsumura, Jinzô (1856-1928), Japanese botanist; D. Sc. Tokyo 1891; from 1877 assistant, later director, of the Koishikawa Botanical Garden; from 1883 also professor of botany at the University of Tokyo. (*Matsum.*).

HERBARIUM and TYPES: TI.-Duplicates e.g. at K.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 358; Barnhart 2: 462; BJI 2: 113; BM 3: 1267, 7: 811; Bossert p. 257; CSP 17: 90-91; GR cat. p. 67; Herder p.210; Hortus 3: 1199 ("Matsum."); IF suppl. 1: 83; IH 1 (ed. 6): 361, 2: 514; Kelly p. 145; Kew 3: 622-623; LS 17355-17356a; MW p. 307-309; NI 1303; Rehder 5: 555; SBC p. 126 ("Mats."); TL-2/3199; Tucker 1: 470, 777; Zander ed. 10, p. 689, ed. 11, p. 786.
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Sayre, G., Bryologist 80: 513. 1977.
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EPONYMY: *Matsumuraea* Okamura (1914); *Matsumurella* Makino (1915); *Matsumuria* Hemsley (1909).

5673. *Nippon shokubutsumeii*; or nomenclature of japanese plants in Latin, Japanese and Chinese ... Tokio, Japan (Z. P. Maruya & Company) 2544. (1884). Oct. (*Nippon shokubutsumeii*).
Ed. 1: 1884 (Bot. Zeit. 29 Aug 1884; Nat. Nov. Jul(2) 1884, Aug(3) 1886), p. [i-viii], [1]-209, [i]-xciii, [i]-iii, [v]. *Copies*: NY, USDA. – "Supervised by R. Yatabe" [Ryôkichi Yatabe, 1899-x].
Ed. 2: Nov-Dec 1895 (p. 2: Nov 1895; Nat. Nov. Mar(1) 1896), p. [i], [1]-[9], [1]-321, [1]-62, [1, err.]. *Copy*: USDA. – "*Shokubutsu Mei-i*. Enumeration of selected scientific names of both native and foreign plants, with romanized Japanese names, and in many cases Chinese characters ..." Tokyo (Z. P. Maruya & Co. ...) 1895.
Ed. 3: 1900 (Nat. Nov. Feb(2) 1901), p. [i], [1]-[9], [1]-8, [1]-4, [1]-17, [1]-321, [1]-62, [1, err.]. *Copy*: USDA. – Tokyo (id.) 1900.
Eds. 4-7: Unknown (fide MW), *ed. 8*: n.v.
Ed 9: 1915-1916, in 2 vols. See notes in MW p. 309. *Copy*: MO (part 1).
1: 1915, p. [ii*-v*], [i]-[xii], [1]-405, [1]-78, [1]-19.
2: 1916, n.v. (667 p.).
Shokubutsu-Mei-i ... revised and enlarged ... Tokyo, Osaka, Kyoto & Fukuoka (Maruzen Company, Ltd. ...) s.d.

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Publ.: 1894, p. [i], [1]-93, [1]-11, [1]-18, [1-2]. *Copy*: USDA.

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Co-editor: Manabu Miyoshi (1861-1939).
Publ.: 1899-1901, 13 fasc. seen by us. *Copy*: USDA. – The (uncol.) plates are accompanied by text. (vol. 1: [i-ix], *pl. 1-60*; 2: *pl. 61-65*.).

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	2	*6-10*	25 Mar 1899		9	*41-45*	1 Sep 1900
	3	*11-15*	10 Jun 1899		10	*46-50*	10 Nov 1900
	4	*16-20*	4 Aug 1899		11	*51-55*	25 Dec 1900
	5	*21-25*	28 Oct 1899		12	*56-60*	25 Feb 1901
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5676. *Revisio Alni specierum japonicarum* [J. coll. Sci. Tokyo 1902].
Publ.: 1902, p. [1]-15, *pl. 1-4*. *Copy*: PH. – Reprinted and to be cited from J. Coll. Sci. Tokyo 16(2): 1-15, *pl. 1-4*. 1902.

5677. *Index plantarum japonicarum* sive enumeratio plantarum omnium ex insulis Kurile, Yezo, Nippon, Sikoku, Kiusiu, Liukiu et Formosa hucusque cognitarum systematice et alphabetice disposita adjectis synonymis selectis, nominibus japonicis, locis natalibus ... Tokioni (apud Maruzen ...) 1904-1912, 2 vols. (in 3). (*Index pl. jap.*).
1 (*Cryptogamae*): 1904, p. [i*-v*], [i]-xxiv, 1-439, [440-441].
2(1) (Gymn., Monoc.): 1905, p. [i*], [i]-vii, 1-315, [316-317].
2(2) (Dicot.): 1912 (ÖbZ Apr 1912; Nat. Nov. Jun (1) 1912), p. [i*], [i]-iv, 1-767, err. slip [769-772].
Copies: L, MO, NY, USDA.
Ref.: Engler, A., Bot. Jahrb. 51(Lit.): 50. 1924.

5678. *Enumeratio plantarum in insula Formosa sponte crescentium* hucusque rite cognitarum adjectis descriptionibus et figuris specierum pro regione novarum. With 18 plates. [Tokyo (published by The University)] 1906. (*Enum. pl. Formosa*).
Co-author: Bunzo Hayata (1874-1934).
Publ.: 25 Sep 1906 (statement of publication at end of vol.: Merrill rd. his copy on 20 Sep 1906), p. [i-iv], [1]-702, [1-2], *pl. 1-17* with text, loose err. sheet, map. *Copies*: L, NY, US, USDA. – J. Coll. Sci. Univ. Tokyo 22, 1906.
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5679. *Icones plantarum koisikavenses* or figures with brief descriptive characters of new and rare plants, selected from the University herbarium edited by Jinzo Matsumura, ... Tokio (The Maruzen-Kabushiki-Kaisha ...) 1911-1921, 4 vols. (*Icon. pl. koisik.*).
1(1): Dec 1911, p. [i-iv], 1-32, *pl. 1-16*; reissued Sep 1920.
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(*3*): Jul 1914, p. [i-ii], 45-64, *pl. 107-116*; reissued Sep 1920.
(*4*): Dec 1914, p. [i-ii], 65-84, *pl. 117-126*; reissued Sep 1920.
(*5*): Apr 1915, p. [i-ii], 85-104, *pl. 127-136*; reissued Sep 1920.

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3(*1*): Dec 1915, p. [i-ii], 1-18, *pl. 146-155*; reissued Sep 1920.
(*2*): Mar 1916, p. [i-ii], 21-44, *pl. 156-167*; reissued Sep 1920.
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(*4*): Dec 1916, p. [i-ii], 65-84, *pl. 178-187*.
(*5*): Mar 1917, p. [i-ii], 85-110, *pl. 188-200*.
(*6*): Dec 1917, p. [i-ii], 111-134, [1]-2, [i]-iii, *pl. 201-212*.
4(*1*): Aug 1918, p. [i-ii], 1-20, *pl. 213-222*.
(*2*): Feb 1919, p. [i-ii], 21-46, *pl. 223-235*.
(*3*): Jun 1919, p. [i-ii], 47-72, *pl. 236-248*.
(*4*): Mai 1920, p. [i-ii], 73-84, *pl. 249-254*.
(*5*): Jan 1921, p. [i-ii], 85-100, *pl. 255-262*.
(*6*): Jun 1921, p. [i-ii], 101-120, [1, ind.], *pl. 263-272*, p. [i]-iii.
Copies: L, MO, USDA (incl. re-issue); IDC 7380.

Mattei, Giovanni Ettore (1865-1943), Italian botanist, from 1884-1901 at the Bologna Istituto botanica; from 1901-1905 at Napoli; from 1905-1914 at Palermo; 1914-1925 at Firenze; 1925-1935 at Messina (*Mattei*).

HERBARIUM and TYPES: FI, PAD, PAL, PI, POR, TO.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 462; BL 1: 33, 39, 308, 2: 351, 391, 689-690; BM 3: 1267; CSP 17: 91-92; Hortus 3: 1199 ("Mattei"); IH 2: 514; Langman p. 486; LS 17358-17359, 36743-36745; Rehder 5: 555; Saccardo 1: 107, 2: 125; Tucker 1: 470; Urban-Berl. p. 266.
Anon., Bot. Centralbl. 37: 191. 1889 (first assistant Bologna); 93: 80. 1903 (habil. Napoli).
Mezzetti-Bambacioni, V., Ann. Bot., Roma 23(1): 1-11. 1947 (portr., bibl., b. 10 Mar 1865, d. 19 Dec 1943).

EPONYMY: *Matteia* Borzi (1907).

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Publ.: Sep 1886 (t.p.), p. [1]-32. *Copy*: G.

5681. *Aggiunte alla flora bolognese* ... Bologna (Società tipografica Azzoguidi) 1886. Oct. (*Agg. fl. bologn.*).
Publ.: Jun 1886 (t.p.; Nat. Nov. Sep 1886), p. [1]-29. *Copy*: FI.

5682. *Convolvulacee*. Studii ... Bologna (Società tipografica Azzoguidi) 1887. Oct. (*Convolvulacee*).
Publ.: 1887 (Nat. Nov. Nov(1) 1887), p. [1]-35, *pl. 1-9*. *Copy*: FI.

5683. *Monografia della Vicia faba* ... Bologna (Stabilimento tipografico Zamorani-Albertazzi ...) 1889. Oct. (*Monogr. Vicia faba*).
Publ.: 1889, p. [1]-80. *Copy*: FI.

5684. *Plantae erythraeae* a L. Senni annis 1905-1907 lectae ... Palermo (Tipografia Priulla ...) 1910. Oct. (*Pl. erythr.*).
Co-author: Domenico Lanza (1868- ?); *Collector* L. Senni (1879-1954).
Publ.: 1910, p. [i]-vii, 1-135, *pl. 1-13*. *Copy*: FI. – Reprinted from Boll. r. Orto bot. Giard. colon. Palermo 8/9, 1910 (journal publ. n.v.).

Mattfeld, Johannes (1895-1951), German botanist at Berlin-Dahlem, pupil of Engler; Dr. phil. Berlin 1920; from 1919-1951 at the Botanical Museum, Berlin-Dahlem. (*Mattf.*).

HERBARIUM and TYPES: B (various types extant).

BIBLIOGRAPHY and BIOGRAPHY: AG 12(3): 80; Backer p. 656; Barnhart 2: 462; BFM 2422; BJI 2: 113; Bossert p. 257; GR p. 534; Hirsch p. 192; Hortus 3: 1199 ("Mattf."); IH 2: 514;

Kew 3: 623-624; Langman p. 486; MW p. 310, suppl. p. 223; TL-2/1: 1711; Zander ed. 10, p. 690, ed. 11, p. 786; Zep-Tim p. 81-82.
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Pilger, R., Mitt. Bot. Gart. Mus. Berlin-Dahlem 1(1): 1, 15, 20. 1953.

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EPONYMY: *Mattfeldia* Urban (1931); *Mattfeldanthus* H. Robinson & R. King (1979).

5685. *Geographisch-genetische Untersuchungen über die Gattung Minuartia* (L) Hiern. Dahlem bei Berlin (Verlag des Repertoriums) 1922. Oct. (*Geogr.-genet. Unters. Minuartia*).
Publ.: 15 Dec 1922, p. [i-iv], [1]-228, 12 maps. *Copy*: U. – Beih. Repert. Spec. nov. Regni veg. 15, 1922.

Matthews, Velma Dare (1904-1958), American mycologist and horticulturist; Ph. D. Univ. N. Carol. 1930; at Monticello, Ark. 1930-1931; Chapel Hill, N.C. 1931-1934; at Coker College, N.C. 1934-1958. (*Matthews*).

HERBARIUM and TYPES: NCV.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 236, 328; Barnhart 2: 463 (b. 3 Aug 1904); IH 2: 515; Kew 3: 626; LS suppl. 17662; NAF 2(1): 72, ser. 2. 6: 69; Stevenson p. 1250; TL-2/1: 781.
Deviney, E. M. & J. N. Couch, J. Elisha Mitchell Sci. Soc. 74: 78-79. 1958.
Deviney, E. M., ASB Bull. 5: 24. 1958.

COMPOSITE WORKS: *Saprolegniales*, with W. C. Coker, *in* NAF 2(1): 15-76. 26 Nov 1937.

5686. *Studies on the genus Pythium* . . . Chapel Hill (The University of North Carolina Press) 1931. (*Stud. Pythium*).
Publ.: 1931, p. [i]-v, 1-136, err. slip, *pl. 1-29*. *Copies*: BR, MO, NY, Stevenson, USDA.

Matthiesen, Franz (1878-1914), German botanist; Dr. phil. München 1907. (*Matthiesen*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 463 (b. 5 Jun 1878, d. 5 Nov 1914).

5687. *Beiträge zur Kenntniss der Podostemaceen* . . . Stuttgart (E. Schweizerbartsche Verlagsbuchhandlung (E. Nägeli)) 1908. Qu. (*Beitr. Podostem.*).
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Ref.: Leeke, P., Bot. Centralbl. 114: 153-154. 1910.

Mattick, Wilhelm Fritz (1901-x), German lichenologist; student of O. Drude and F. Tobler; Dr. rer. techn. Dresden 1927; assistant Technische Hochschule Dresden 1927-1932; assistant at Berlin-Dahlem 1932-1945; at Staatsstelle f. Vegetationskartierung, Stolzenau/Weser 1946-1947; from 1947 again at Berlin-Dahlem, 1947-1953 assistant, 1953-1964 "Kustos," 1964-1966 "Wiss. Oberrath"; professor of plant geography Freie Univ. 1958; in retirement still working at Berlin-Dahlem (1980). (*Mattick*).

HERBARIUM and TYPES: B.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 463; BFM 1614; BJI 2: 113; Bossert p. 258; Futák-Domin p. 388; GR p. 30, *pl.* [*15*], cat. p. 67; IH 2: 516; Kew 3: 626; Kleppa p. 66, 138; LS suppl. 17669; MW p. 310, suppl. p. 223; Roon p. 75; SBC p. 126 ("Matt."); Zep-Tim p. 82-83 (b. 17 Mai 1901; journeys).
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Pilger, R., Mitt. bot. Gart. Mus. Berlin-Dahlem 1(1): 15. 1953.

EPONYMY: *Mattickiolichen* Tomaselli & Ciferri (1952); *Mattickiomyces* Ciferri & Tomaselli (1953).

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Publ.: 1937, p. [1]-54. *Copy*: FI. – Reprinted and to be cited from Ber. Westpreuss. bot. zool. Ver. 59: 1-54. 1937.

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Mattioli, Pietro [Pier] **Andrea Gregorio** [Matthiolus, Petrus Andreas] (1500-?1577), Italian physician and botanist. (*Mattioli*).

HERBARIUM and TYPES: Unknown.

NOTE: Mattioli, being pre-linnaean, is mentioned here summarily with only a few references to special treatments.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 358; Barnhart 2: 463; Blunt p. 57-60, 71, 75; BM 3: 1268-1269, 7: 813; Bossert p. 258; Dryander 3: 55-56; DSB 9: 178-180 (many refs.); DTS 1: 184-185, 6(4): 169; GR p. 534; Henrey 1: 8, 10, 22; HU 59, 78, 86, 90, 91, 94, 145, 160, 210, 332, 153; Jackson p. 579 [index]; Kew 3: 626-627; Klásterský p. 125-126; Langman p. 486; Lasègue p. 341, 517; LS 17364-17366; Maiwald p. 280 [index]; Moebius p. 24, 33, 84, 423; NI 1304-1315 (extensive sec. refs.); Plesch p. 329-330; PR 5977-5995 (ed. 1: 6655-6663); Quenstedt p. 285; Rehder 5: 555; Saccardo 1: 107, 2: 71; TL-1/313, 407; TL-2/1: 1544, 2016, see index; Tucker 1: 471, 777.
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EPONYMY: *Matthiola* Linnaeus (1753, *nom. rej.*); *Matthiola* R. Brown (1812); corr. K. P. J. Sprengel (1818, *nom. et orth. cons.*).

Mattirolo, Oreste (1856-1947), Italian botanist; at Bologna 1894-1898, extra-ord. prof. 1894, ord. prof. bot. 1895; at Firenze as prof. bot. and director of the botanical garden 1898-1900; idem at Torino 1900-1937. (*Mattir.*).

HERBARIUM and TYPES: TO; some types also at PAD; other material at FI, HBG, and SS.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(2): 250; Barnhart 2: 463 (d. 3 Dec 1947); BJI 2: 113-114; BL 2: 690 [index]; BM 3: 1269, 7: 813; Bossert p. 258; CSP 10: 748, 17: 98; De Toni 1: lxxxii, 2: lxxix; DTS 1: xxi, 187; Frank 3(Anh.): 63; GR p. 519, cat. p. 67; Hawksworth p. 184; Hirsch p. 192; IH 2: 516; Kelly p. 145-146, 255; Kew 3: 627-628; Langman p. 486; LS 17367-17395, 36748-36757, suppl. 17670-17684; Moebius p. 114; Morren ed. 10, p. 87; NAF ser. 2. 1: 32; Rehder 5: 555-556; Saccardo 1: 107; Stevenson p. 1250; TL-2/1: 1075; Tucker 1: 471; Urban-Berl. p. 279.

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Gager, C. S., Brooklyn Bot. Gard. Rec. 27(3): 269, 272, 290. 1938 (directorships bot. gdns).

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EPONYMY: *Mattirolia* Berlese & Bresadola (1889); *Mattirolomyces* Fischer (1938). *Note*: The nomenclatural status and derivation of *Mattirolella* Colla (1929) could not be ascertained.

5690. *Contribution à l'étude du genre Cora* Fr. [Archives italiennes de Biologie – Tome 1, fasc. ii. 1882].
Publ.: 1882, p. [1]-21, *2 pl. Copy*: FI. – Arch. ital. Biol. 1(2), 1882. – Was preceded by *Contribuzioni allo studio del genere Cora* Fr., Nuovo Giorn. bot. Ital. 13(4): 245-267. *pl.* Oct 1881; see also K. Goebel, Bot. Zeit. 39: 865. 30 Dec 1881.

5691. *Flora alpina* la richezza dell Alpi considerata sotto l'aspetto della flora ornamentale ed officinale ... Torino (Stabilimento Artistico-letterario. ...) 1883. (*Fl. alp.*).
Publ.: Jun-Jul 1883 (p. 11: Sep 1882; Bot. Centralbl. 9-13 Jul 1883; Bot. Zeit. 28 Sep 1883), p. [1]-11. *Copies*: FI, G. – Reprinted from Atti del ii Congresso orticolo Italiano.

5692. *Flora alpina* (*vivente*) presentata dalla sezione di Torino del Club alpino italiano all'esposizione nazionale italiana ... Torino (G. Candeletti ...) 1884. Oct. (*Fl. alp. viv.*).
Publ.: 1884, p. [1]-10. *Copy*: FI.

5693. *Sullo sviluppo di due nuovi Hypocreacei* e sulle spore-bulbilli degli ascomiceti ... Torino (Ermanno Loescher ...) 1886. Oct. (*Svil. Hypocreac.*).
Publ.: Apr 1886 (Nat. Nov. Aug(1) 1886; in Apr issue of journal), p. [1]-12. *Copy*: FI. – Issued as Atti r. Accad. Sci. Torino 21(4/5). 1886. See also Nuovo Giorn. bot. ital. 18: 121-154. *pl.* Apr 1886.
Ref.: Büsgen, M., Bot. Zeit. 44: 632. 10 Sep 1886.

5694. *Illustrazione delle Cyphella endophila Cesati* ... Torino (Ermanno Loescher ...) 1887. Oct. (*Ill. Cyphella endoph.*).
Publ.: 1887 (Nat. Nov. Oct(2) 1887), p. [1]-9, *pl. Copy*: FI. – Issued as Atti r. Accad. Sci. Torino 22, 1887 (n.v.).

5695. *Illustrazione di tre nuove specie di Tuberacee italiane* ... Torina (Ermanno Loescher ...) 1887. Qu. (*Ill. Sp. Tuberac.*).

Publ.: 1887 (Nat. Nov. Jan(2). 1888), p. [1]-19, *2 pl. Copy*: FI. – Issued as Mem. r. Accad. Sci. Torino ser. 2, 37, 1887 (journal issue n.v.).

5696. *Il genere Cerebella* di Vincenzo Cesati. Ricerche intorno al suo sviluppo e alla sua sistemazione ... Bologna (Tipografia Gamberini e Parmeggiani) 1897. Qu.
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5697. *Gli ipogei di Sardegna e di Sicilia.* Materiali per servire alla monografia degli ipogei italiani. Genova (Tipografia di Angelo Ciminago ...) 1900. Oct.
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5698. *I funghi ipogei italiani* raccolti da O. Beccari, L. Caldesi, A. Carestia, V. Cesati, P. A. Saccardo ... Torino (Carlo Clausen ...) 1903. Qu.
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5700. *Seconda contribuzione allo studio della flora ipogea del Portogallo* [Extr. do Bol. da Soc. Brot. vol. xxii, 1906 (1907)]. Oct.
Publ.: 1907 (journal vol. for 1906 publ. 1907; Nat. Nov. Dec(2) 1907), p. [1]-19. *Copy*: FI. – Reprinted from Bol. Soc. Brot. 22: 227-245, *pl. 2.* 1907.

5701. *La flora segusina* dopo gli studi di G.F. Re (Flora segusiensis, 1805 – Flora segusina, Re-Caso, 1881-82). Saggio storico-bibliografico-botanico ... Torino (Carlo Clausen ...) 1907. Qu.
Publ.: 1907 (submitted 28 Apr 1907), p. [i-ii], [1]-84. *Copies*: MO, NY. – Reprinted from Mem. r. Accad. Sci. Torino ser. 2. 58: 217-300. 1907.

5702. "*Jaczewskia*" illustrazione di un nuovo genere di "Hysterangiaceae" ... Torino (Vincenzo Bona ...) 1912. Qu. (*Jaczewskia*).
Publ.: 1912 (approved for publ. 28 Apr 1912), p. [i-ii], [213]-218, *1 pl.* (col. lith. auct.). *Copies*: BR, FI. – Reprinted from Mem. r. Accad. Sci. Torino ser. 2. 63: 213-218. 1912.

5703. *Phytoalimurgia pedemontana* ossia censimento delle specie vegetali alimentari della flora spontanea del Piemonte ... Torino (Vincenzo Bona ...) 1918. Oct. (*Phytoalimurgia pedem.*).
Publ.: 1918 (submitted 21 Apr 1918), p. [i], [1]-180. *Copy*: MO. – Reprinted from Ann. r. Accad. Agr. Torino, vol. 61, 1918.
Trade issue: 1919 (Nat. Nov. Jul 1919), p. [i-iv], [1]-180. *Copy*: USDA. – "*I vegetali alimentari spontanei* del Piemonte (Phytoalimurgia pedemontana)" Torino (S. Lattes & C., Editori ...) Firenze (R. Bemporad e figlio) 1919. Oct.

5704. *Contributo alla micologia ipogea della Venezia subalpina* ... Roma (Tipografia della r. Accademia nazionale dei Lincei ...) 1922. Qu. (*Contr. micol. ipog. Venezia*).
Publ.: 1922, p. [1]-22, *1 pl. Copy*: FI. – Issued as [Mem.] R. Accad. naz. Lincei ser. 5, 13(12). 1922.

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5706. *Catalogo ragionato dei funghi ipogei* raccolti nel canton Ticino e nelle provincie italiane confinanti ... Zurigo [Zürich] (F: lli Fretz S.A., ...) 1935. Oct. (*Cat. fungh. ipogei*).

Publ.: 20 Jul 1935 (t.p.; Nat. Nov. Aug 1936), p. [ii-iii], [1]-53, [1], *pl. 1-2* (col.). *Copies*: BR, USDA. – Contributi per lo studio della Flora crittogama Svizzera vol. 8, fasc. 2.

Mattuschka, Heinrich Gottfried, Graf **von** (1734-1779), Silesian landowner and naturalist near Breslau. (*Mattuschka*).

HERBARIUM and TYPES: In the herbarium of the Schlesische Gesellschaft für vaterl. Kultur, deposited at WRSL. Breslau (Schube 1929).

BIBLIOGRAPHY and BIOGRAPHY: ADB 20: 681; Barnhart 2:463; BM 3: 1269; Dryander 3: 164; Futák-Domin p. 388; GR p. 110; Hortus 3: 1199 ("Mattuschka"); IH 2: 516; Herder p. 186; Kew 3: 628; Klásterský p. 126; LS 17396; Maiwald p. 98, 151; PR 5996-5997 (ed. 1: 6664-6665); Rehder 5 : 556; Stevenson p. 1250; Zander ed. 10, p. 690, ed. 11, 786.
Candolle, A. P., Phytographie 432. 1880.
O., Dict. Sci. méd., Biogr. méd. 6: 227-228. 1824 (b. 22 Feb 1734, d. 19 Nov 1779).
Pax, F., Schlesiens Pflanzenw. 5-6, 16. 1915 (portr.).
Poggendorff, J. C., Biogr.-lit. Handw.-Buch 2: 82-83. 1863 (b. 22 Feb 1734, d. 19 Nov 1779; Freiherr von Spöttgen und Toppeltschau auf Pietschen; 1756 Ober-Amtsrath Breslau, later privately employed, 1772 General-Landschafts-Präsident Mittelschlesien).
Schube, T., Jahrb. Schles. Ges. vaterl. Kultur 102: 66-72. 1929.
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EPONYMY: *Mattuschkaea* Schreber (1791); *Mattuschkia* J. F. Gmelin (1791).

5707. Heinrich Gottfried Grafens von Mattuschka . . . *Flora silesiaca*, oder Verzeichniss der in Schlesien wildwachsenden Pflanzen, nebst einer umständlichen Beschreibung derselben, ihres Nutzens und Gebrauches, so wohl in Absicht auf die Arznei- als Haushaltungs-Wissenschaft . . . Leipzig (Wilhelm Gottlieb Korn, . . .) [and vol. 2 only:] Bresslau (id.) 1776-1777, 2 vols. Oct. (*Fl. siles.*).
Vol. 1: 1776 (NZgS 2 Dec 1776), p. [i-xx], [1]-538.
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Matuda, Eizi (1894-1978), Japanese-born Mexican botanist; specialist on Araceae and Meliaceae; at Taihoku University 1911-1921; emigrated to Mexico 1922 (naturalized 1928); in Chiapas from 1922; teaching at University of Mexico 1950-1978; Dr. phil. h.c. Tokyo 1962. (*Matuda*).

HERBARIUM and TYPES: MEXU; other large sets at F and MICH; for duplicates see IH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 463+ Bossert p. 258+ Hortus 3: 1199 ("Matuda"); IF suppl. 4: 330; IH 1(ed. 6): 361, 2: 516; Langman p. 486-488 (!); MW suppl. p. 221, 223; Roon p. 75; Zander ed. 10, p. 690, ed. 11, p. 786-787 (b. 20 Apr 1894).
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EPONYMY: *Matudacalamus* Maekawa (1961); *Matudaea* Lundell (1940); *Matudanthus* Hunt (1978); *Matudina* R. King & H. Robinson (1973).

Maublanc, André (1880-1958), French mycologist; from 1902-1912 at the Station de

Pathologie végétale; in Brazil 1912-1913; in World-war I 1914-1919; from 1919-1948 at the Institut national agronomique, nr. Paris. (*Maubl.*).

HERBARIUM and TYPES: Some material at PC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 464; Hawksworth p. 184; IH 2: 516; Kelly p. 146; Kew 3: 629; LS 17409-17417, 36758-36766, suppl. 17707-17733; NAF 7: 1078; Plesch p. 330; Stevenson p. 1250; TL-2/3858-3859; Tucker 1: 471.
André, Y. et al., Bull. Soc. mycol. France 74: xx-xxvi. 1958 (b. 1880, d. 30 Apr 1958).
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EPONYMY: *Maublancia* Arnaud (1918); *Maublancomyces* Herter (1950).

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Ed. 1: 1921 (p. vi: Jun 1921), p. [i]-ciii, [1]-110, [1], *pl. 1-96. Copy*: USDA.
Ed. 2: 1926-1927, 2 vols. *Copy*: USDA.
1: 1926 (colo.: 16 Oct 1926; Nat. Nov. Feb 1927), p. [i]-cxxv, 1-120, *pl. 1-96*, [1, coloph.].
2: 1928 (t.p. 1927; colo.: 20 Jan 1928; Nat. Nov. Feb 1928), p. [cxxvii]-ccxxv, 97-238, [1, coloph.], *pl. 97-192*.
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2: 1952 (coloph.: 2 Sep 1952), p. [i*-iv*], [clix]-ccxciii, 113-278, [1, colo.], *pl. 113-223*.
Ed. 5: 1959, 2 vols. *Copy*: USDA.
1: 1959 (p. iv: 17 Apr 1959), p. [i*-iv*], [i]-iv, [1]-305, *pl. A-P*.
2: 1959, p. [i-v], 1-283, *pl. 1-223*.

Mauksch, Johann Daniel Thomas (1748-1831), Hungarian clergyman and botanist, living in Schlagendorf und Kesmark (Kežmarok), botanical explorer of the Tatra; collaborator of Kitaibel, Dr. med. Tyrnau 1776. (*Mauksch*).

HERBARIUM and TYPES: BP (major part).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 464; IH 2: 517; Kanitz 98; PR (alph.) ed . 1: 6671; Rehder 1: 97.
Pax, F., Grundz. Pfl.-Verbr. Karpathen 1: 9-10. 1898.
Rumy, G.C., Isis, Zürich 1834 (6/7): 656-664 (fungi in Zipser Comitat, Hungary, listed by Mauksch).

5710. Joannis Danielis Mauksch, . . . Dissertatio inauguralis medica *de partibus plantarum*, quam authoritate et consensu . . . universitatis rectoris, . . . in celeberrima ac regia Universitate tyrnaviensi pro summis honoribus publicae disquisitioni submittit die [] mensis Sept anno mdcclxxvi. Typis Tyrnaviensibus, anno ut supra [at Tyrnau, Nagy Szombat, Trnava nr Bratislava, 1776] Oct. (*De part. pl.*).
Publ.: Sep 1776, p. [1]-34. *Copy*: FI.

Maulny, L. J. C. (ca. 1760-ca. 1830), French botanist and naturalist; author of a flora of Mans. (*Maulny*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 465; BJI 2: 198, 691; Bossert p. 258; CSP 4: 299; PR 6003 (ed. 1: 6672); Rehder 1: 406.
Candolle, A. P. de, Mém. souvenirs 171. 1862.
Wittrock, V. B., Acta Horti Berg. 3(3): 108. 1905.

5711. *Plantes observées aux environs de la ville du Mans* ... Avignon 1786. Oct. (*Pl. Mans*).
Publ.: 1786, p. [1]-242. *Copy*: G (lacks t.p.): other copy at P (n.v.). See PR ed. 1.

Maund, Benjamin (1790-1864), British pharmacist, botanist and bookseller; at Bromsgrove, Worcs. (*Maund*).

HERBARIUM and TYPES: Unknown. The original drawings for the Botanic Garden are at BM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 465; BB p. 211; Blunt p. 300; BM 3: 1270, 7: 814; Desmond p. 429; DNB 37: 91; DU 199-201; GF p. 85; Herder p. 146, 361; Hortus 3: 1199 ("Maund"); IH 2: 517 (refers to plates); Jackson p. 579 [index]; Kew 3: 630; Langman p. 489; MW p. 310-311; NAF ser. 2. 2: 165; NI (alph.), 1315n; Plesch p. 331; PR 6004-6005 (ed. 1: 6673-6674); Rehder 5: 556; TL-1/813-814; TL-2/see Henslow, J. S.; Tucker 1: 472; Zander ed. 10, p. 690, ed. 11, p. 787.
Allibone, S. A., Crit. dict. Engl. lit. Brit. Amer. auth. 1247-1248. 1870.
Anon., Proc. Linn. Soc. 8: xxx-xxxi. 1864 (d. 21 Apr 1863).
Britten, J., J. Bot. 56: 235-243. 1918 (*Botanist*).
Cardew, F., J. Soc. Bibl. nat. Hist. 3: 322-324. 1958 (*Bot. Gard.*).
Jessen, K. F. W., Bot. Gegenw. Vorz. 394. 1884.
Rendle, A. B., J. Bot. 66: 184. 1928.
Woodward, B. B., *in* G. Murray, Hist. coll. BM(NH) 1: 42. 1904 (orig. drawings *Bot. Gard.*).

EPONYMY: *Maundia* F. von Mueller (1858) commemorates John Maund, a medical doctor about whom we have no further information, except that he died in or before 1858.

5712. *The Botanic Garden*; consisting of highly finished representations of hardy ornamental flowering plants, cultivated in Great Britain; with their names, classes, orders, history, qualities, culture and physiological observations ... London (published by Baldwin and Chadock) 1825-1831, 13 vols. Qu. (*Bot. Gard.*).
Publ.: [Cardew, q.v. for further details] In monthly numbers consisting of one coloured plate representing four flowers (also numbered serially) and four leaves of text, one dealing with each. The 12 (dated) monthly numbers of a year constituted a part, the parts of two years formed a volume, so that the publication was running on four series of numeration: 13 volumes, 26 parts, 312 monthly numbers, 312 plates, 1248 figures. There were two issues: "Large" (e.g. US copy, with engraved t.p.'s) and "Small" (e.g. NY copy; not always with engr. t.p.'s). The analysis given below is based on the copy at NY. *Copies*: G, L, NY (orig. covers), US (vols. 1-9), USDA; IDC 7358.

Vol. 1: Jan 1825-Dec 1826, p. [i-x], *pl. 1-24* (4 plants per plate, see above; 1-2 p. text/plant).
Vol. 2: Jan 1827-Dec 1828, p. [i-viii], *pl. 25-48* (id.).
Vol. 3: Jan 1829-Dec 1830, p. [i-vi], *pl. 49-72* (id.).
Vol. 4: Jan 1831-Dec 1832, p. [i-x], *pl. 73-96* (id.).
Vol. 5: Jan 1833-Dec 1834, p. [i-viii], *pl. 97-120* (id.) (t.p.: 1834-5).
Vol. 6: Jan 1835-Dec 1836, [i, engr. t.p.], [iii-viii], *pl. 121-144* (id.).
Vol. 7: s.d. [Jan 1837-Dec 1838], [i, engr. t.p.], [iii-viii], *pl. 145-168* (id.).
Vol. 8: s.d. [Jan 1839-Dec 1840], [i, engr. t.p.], [iii-vi], *pl. 169-192* (id.).
Vol. 9: s.d. [Jan 1841-Dec 1842], [i, engr. t.p.], [iii-ix], *pl. 193-216* (id.).
Vol. 10: s.d. [Jan 1843-Dec 1844], [i-vi], *pl. 217-240* (id.).
Vol. 11: s.d. [Jan 1845-Nov 1846], [i-vi], *pl. 241-265* (id.).
Vol. 12: s.d. [Feb 1847-Dec 1848], [i-viii], *pl. 265-288* (id.).
Vol. 13: s.d. [Jan 1849-Dec 1850], [i-xxii], *pl. 289-312* (id.).
Later editions: 1878, 12 vols., ed. by James C. Niven; 3 vols. of orig. ed. re-issued 1851-1854.

5713. *The botanist*; containing accurately coloured figures, of tender and hardy ornamental plants; with descriptions, scientific and popular; intended to convey both moral and intellectual gratification ... London (published by R. Groombridge, ...), Edinburgh (W. White and Co., ...), Dublin (Robertson and Co.,...), Paris (M. Galignian, ...), Brussels (Hauman and Co., ...), New York (Jackson, ...) [1836-1842], 5 vols. Qu. and Oct. †(*Botanist*).
Co-author: John Stevens Henslow (1796-1861).
Publ.: Twelve monthly parts of 4 plates each with a supplement of 2 plates each year. Vol. nos. 1-4, dated Jan-Apr 1837 appeared on Sep 1836, Nov 1836, Jan 1837 and Mar 1837 respectively, parts 5-12 (Mar-Dec 1837) were on schedule. Volumes 2-4 and vol. 5 (nos. 1-8) appeared on schedule, except *pl. 201-203* which came out in 1841. Parts 9-12 of vol. 5 were delayed, the December issue being issued in 1842. Each volume had an engraved t.p. as well as a printed one. There were two issues: large paper and small paper (copies cited). See Britten (1918) and Cardew (1958) for further details and NI (1224) for details on artists. *Copies*: G, MO, NY(orig. covers), USDA. – The analysis given below is that of the copy at G.

1: 1836-1837 (see above), engr. t.p., p. [i*-iii* [i]-iv, [v-vi], *pl. 1-50*.
2: 1838, engr. t.p., p. [i-vi], *pl. 50-100* (col. liths. with text).
3: 1839, engr. t.p., p.[i-vi], *pl. 101-150* (id.).
4: 1840, engr. t.p., p. [i-vi], *pl. 151-176* (as 175), *178-200* (id.).
5: 1841-early 1842 (see above), engr. t.p., p. [i-vi], *pl. 201-250* (id.).
Ref.: Sotheby 516.

5714. *The Auctuarium* of the Botanic Garden; containing miscellaneous information, connected with the cultivation of a garden, and natural history ... London (Simpkin, Marshall and Co., ...), Dublin (J. Robertson, ...), Edinburgh (W. Whyte and Co., ...), New York (Jackson, ...), 2 parts 1834-1850. Qu. and Oct. (*Auctuarium*).
Publ.: Jan 1834-Dec 1850, issued with the monthly issues of the *Botanic Garden*; t.p.'s not dated. *Copies*: L, NY, US, USDA.
1: [i]-[viii], [1]-280, [1]-96.
2: [i], [1]-144, [145-147].

5715. *The floral register*; containing figures and descriptions of nearly all tender and hardy plants, which have been lately introduced to, and cultivated in Great Britain ... London (Simpkin, Marshall and Co., ...), Dublin (J. Robertson, ...), Edinburgh (W. Whyte and Co., ...), New York (Jackson, ...) [1835-1850]. Qu. and Oct. (*Fl. reg.*).
Publ.: With the parts of the *Botanic Garden* from Jan 1835-Dec 1850. See Cardew (1958) for further details. *Copies*: L, NY, USDA.
1: Jan 1835-Dec 1844, p. [i]-xvi, [1]-240.
2: Jan 1845-Dec 1850, p. [1]-13, [1]-144.

Maurer, Heinrich [Ludwig] (1818-1885), German horticulturist at Jena; Grossh. Sächsischer Hofgärtner. (*H. Maurer*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(1): 636, 6(2): 165; Barnhart 2: 465 (b. 15 Dec 1818, d. 7 Sep 1885, err.); BM 3: 1270, 4: 1509; Herder p. 361; Morren ed. 2, p. 11, ed. 10, p. 24; Rehder 5: 556.
Maurer, L. et K. [Funeral card, Jena 6 Sep 1885] (d. 6 Sep 1885; as Heinrich Maurer).

5716. *Versuch einer Monographie der Stachelbeeren* des sel. Dr. Lorenz v. Pansner ... bearbeitet und geordnet von Heinrich Maurer ... Jena (bei Carl Doebereiner) 1852. Oct. (*Vers. Monogr. Stachelbeer.*).
Original author: Lorenz von Pansner (x-1851).
Publ.: 1852 (p. iv: Dec 1851), p. [i]-xvi, [1]-96, [i]-iv, [5]-146. *Copy*: NY.

Mauri, Ernesto (1791-1836), Italian botanist at Rome; professor of botany and director of the University Botanical Garden 1820-1831. (*Mauri*).

HERBARIUM and TYPES: RO; further material at FI.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 358; Barnhart 2: 465; BL 2: 340, 690; BM 3: 1270; Bossert p. 258; CSP 4: 300; Frank 3(Anh.): 63; Hegi 7: 559; Herder p. 179, 243; Hortus 3: 1199 ("Mauri"); Jackson p. 321; Kew 3: 630; Lasègue p. 342; LS 17425; PR 6006-6007 (ed. 1: 6677-6678); Rehder 5: 556; Saccardo 1: 107-108, 2: 71; SO add. 812b; Tucker 1: 472; Zander ed. 11, p. 787 (b. 12 Jan 1791, d. 13 Apr 1836).
Candolle, A. P. de, Phytographie 449. 1880 (types RO).
De Toni, G. B., Ann. Bot., Roma 7(3): 503-510. 1909 (2 letters).
Gager, C. S., Brooklyn Bot. Gard. Rec. 27(3): 287. 1938 (dir. Rome bot. gard. 1820-1831).
Leon, N., Bibl. bot.-mexic. 186. 1895.
Lusina, G., Annali di Bot. 25(1, 2): 158-159, 171. 1958 (bibl. bot. Lazio (Roma)).
Pritzel, G. A., Linnaea 19: 457. 1847.

EPONYMY: *Mauria* Kunth (1824). *Note*: The derivation of *Maurinia* Niessl (1876) is not explained by Niessl.

5717. *Romanarum plantarum centuria decimatertia* auctore Ernesto Mauri. Romae (Typis de Romanis) 1820. Oct. (*Roman. pl. cent. xiii*).
Publ.: 1820, p. [1]-58, [1], *pl. 1-2. Copies*: FI, G, M. – The first twelve centuries were published by A. Sebastiani and E. Mauri, *Florae Romanae prodromus* exhibens centurias xii plantarum circa Romam . . . sponte nascentium. Roma 1818; see under A. Sebastiani.

5718. *Di due funghi mangerecci dei contorni di Roma* cenno del prof. Ernesto Mauri. [Giornale arcadico 1832].
Publ.: 1832, p. [1]-3, *1 pl. Copy*: FI – Reprinted and to be cited from Giorn. arcad. 54: 63-65. 1832 (LS).

Maurizio, Adam (1862-1941), Rhaetian (Bündner, Swiss) botanist, born in Cracow; Dr. phil. Bern 1894; assistant at the Schule für Wein- Obst- und Gartenbau Wädensweil 1896; at the Versuchsstation für Müllerei der Landwirthschaftlichen Hochschule, Berlin 1899 (with L. Wittmack); at the Landwirthschaftliche Versuchsstation Zürich 1900; habil. Zürich E.T.H. 1903; professor of botany at the Technische Hochschule, Lemberg [Lwow] 1907; ordinary professor ib. 1911-1923; at Bromberg (Bydgoszcz) 1923-1927; at the Faculty of Pharmacy, Warsaw 1927-1935; from 1935-1941 back in Switzerland (*Maurizio*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 265 (b. 26 Sep 1862); BL 2: 7; Kelly p. 146.
Anon., Bot. Centralbl. 66: 400. 1896 (app. Wädensweil), 76: 352. 1898 (to Berlin), 77: 175. 1899 (id.), 82: 399. 1900 (to Zürich); Jahrb. wiss. Bot. 56: 819. 1915 (Schüler Pfeffers); Nat. Nov. 18: 575. 1896 (app. Wädensweil), 20: 653. 1898 (to Berlin), 25: 520. 1903 (habil.), 29: 525. 1907 (to Lemberg); Österr. bot. Z. 46: 343. 1896 (app. Wädensweil), 53: 311. 1903 (habil.), 57: 487. 1907 (to Lemberg), 61: 247. 1911 (ord. prof. ib.).
Kneucker, A., Allg. bot. Z. 2: 140. 1896 (app. Wädensweil), 5: 16. 1899 (to Berlin), 6: 172. 1900 (to Zürich), 13: 216. 1907 (to Lemberg), 17: 128. 1911 (ord. prof. Lemberg).
Volkart, A., Verh. schweiz. naturf. Ges. 121: 389-394. 1941 (obit., portr., b. 26 Sep 1892, d. 4 Mar 1941; bibl. by Anna Maurizio).

5719. *Zur Entwickelungsgeschichte und Systematik der Saprolegnieen* [Flora 79 (Erg.) 1894]. Oct.
Publ.: 29 Oct 1894 (in journal; Nat. Nov. Nov (2) 1894); issued as thesis (n.v.), reprinted and to be cited from Flora 79 (Erg.): 109-158, *pl. 3-5*. 1894.
Ref.: Büsgen, M., Bot. Zeit. 53(2): 163-164. 16 Mai 1895 (rev.).

Maury, Paul Jean Baptiste (1858-1893), French botanist, in Mexico 1884-1893. (*Maury*).

HERBARIUM and TYPES: MEXU, P.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 465 (b. 21 Dec 1858, d. 25 Dec 1893); BJI 1: 39;

BL 1: 19, 309; BM 3: 1271; CSP 17: 107; IH 2: 517; Langman p. 489; Morren ed. 10, p. 54; MW p. 311; Tucker 1: 472.
Anon., Bot. Centralbl. 60: 224. 1894 (d.); Bot. Not. 1895: 38 (d.); J. de Bot. 4: 60. 1890, 8: 288. 1894 (d.).
Bescherelle, E., J. de Bot. 15: 380. 1901 (bryol. coll. from Mexico).
Leon, N., Bibl. bot.-mexic. 186. 1895.

EPONYMY: *Maurya* Patouillard (1898).

5720. Série A, no. 85. No. d'ordre 566. Thèses présentées à la faculté des sciences de Paris pour obtenir le grade de docteur ès sciences naturelles par Paul Maury . . . 1e thèse. – *Études sur l'organisation et la distribution geographique des Plombaginacées* . . . soutenues le [in ink: 20] juillet . . . Paris (G. Masson, éditeur . . .) 1886. Oct. (*Étud. organis. Plombagin.*).
Publ.: 20 Jul 1886, p. [i-iii], [1]-134, [1, theses], *pl. 1-6. Copy*: NY. – Also in Ann. Sci. nat. ser. 7. 4: 1-128. *pl. 1-6.*

Maw, George (1832-1912), British manufacturer of encaustic pottery at Brosely, Staffordshire; amateur naturalist, artist, geologist, and botanist; collected in the Near East and North Africa. (*Maw*).

HERBARIUM and TYPES: BM (Crocus types); further material at B, E, FI, K.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 359; Barnhart 2: 465; BB p. 211-212; BJI 1: 39; Blunt p. 238; BM 3: 1271; CSP 4: 303, 8: 360-361, 10: 751-752, 12: 494, 17: 108; Desmond p. 430; GF p. 67; Herder p. 54, 285; Hortus 3: 1199 ("Maw"); IH 2: 527; Kew 3: 632; Morren ed. 10, p. 74; MW p. 311; NI 1316; Plesch p. 331; Quenstedt p. 285; Rehder 5: 557; Saccardo 1: 108; Sotheby 519; TL-2/2982; Tucker 1: 472; Urban-Berl. p. 373; Zander ed. 10, p. 690, ed. 11, p. 787.
Allan, M., The Hookers of Kew 219, 238. 1967.
Anon., Nature 88: 561. 1912; Nat. Nov. 34: 191. 1912 (d. 7 Feb 1912); Quart. J. Geol. Soc. 68: lxii-lxiii. 1912; The Times 8 Feb 1912.
Coats, A. M., The plant hunters 28, 33-35, 38. 1969.
Cosson, E., Comp. fl. atl. 1: 70-71. 1881 (itin. Algeria).
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 109. 1970 (pl. E.).
Huxley, L., Life letters J. D. Hooker 2: 556. 1912.
J. G. B., Bull. misc. inf. Kew 1912: 155-156.
Jackson, B. D., Bull. misc. Inf. Kew 1901: 45 (pl. K).
Martin, G. K. and G. T. Fraser, Fl. Devon 773. 1939.
Murray, G., Hist. coll. BM(NM) 1: 167. 1904 (*Crocus coll.*)
Nelmes & Cuthbertson, Curtis's Bot. Mag. Dedic. 187-188. 1932 (portr., dedic., b. 10 Dec 1832, d. 7 Feb 1912).
Poggendorff, J. C., Biogr.-lit. Handw.-Buch 3: 388. 1898 (bibl.).
Roth, G., Bot. Jahrb. 9: 17-18. 1887.
Stapf, O., Proc. Linn. Soc. 124: 62-63. 1912 (b. 10 Dec 1832, d. 7 Feb 1912).
Stearn, W. T., R. Hort. Soc., Exhib. manuscr. book 1954, p. 48-49.

HANDWRITING Candollea 31: 357-358. 1976.

5721. *A monograph of the genus Crocus* by George Maw . . . with an appendix on the etymology of the words crocus and saffron by C. C. Lacaita . . . London (Dulau and Co.) 1886. Qu. (*Monogr. Crocus*).
Publ.: Jul-Sep 1886 (p. viii: 30 Jun 1886; Nat. Nov. Oct(2) 1886; Bot. Zeit. 29 Oct 1886), p. [i]-viii, [1]-326, [i]-xx, [1-10, index], *pl. A-D, 1-14, 14b, 15-16, 18-26, 26b, 27-29, 29b, 29c, 29d, 30, 31, 31b, 32-35, 35b, 36-47, 47b, 48-55, 55b, 56, 56b, 57-59, 59b, 60-67,* text figs. *1-12* map, 2 tabl. *Copies*: G, L, MO, NY, USDA; IDC 1005. – The plates are coloured lithographs of drawings by the author; the originals are at K. Plate *17* was never published.
Facsimile ed.: announced but not yet published by Asher (1974).
Ref.: Schönland, Bot. Centralbl. 29: 136-139. 1887.
Sotheby no. 519.

Maximilian Alexander Philipp, Prinz zu Wied-Neuwied (1782-1867), German botanist and traveller in Brazil (1815-1817); in North America 1832-1834). (*Maxim. Wied*).

HERBARIUM and TYPES: BR (in herb. Martius), other sets at B, LD, LE and W.

NOTE: Properly alphabetized under Wied-Neuwied.

BIBLIOGRAPHY and BIOGRAPHY: ADB 23: 559-564; Backer p. 359; Barnhart 3: 491, 547; BM 3: 1272, 5: 2315-2316; Bossert p. 258; CSP 4: 596, 6: 357-358, 8: 1235, 17: 109; IH 2: 517; Lasègue p. 476, 577 [index, Neuwied]; ME 3: 678 [index]; PR 10223; Tucker 1: 473.
Amaral, A. do, Bol. Museo Nac., Rio de Janeiro 7(3): 187-210. 1931 (portr., map of travels).
Anon., Bonplandia 6: 48. 1858 (cogn. Leopoldina Hernandez); Proc. Linn. Soc. 1866/7: xxxv-xxxvi.
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Embacher, F., Lexik. Reisen 204-205. 1882.
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Liebig, S. B. K. Bayer. Akad. Wiss., München 1867(1): 377-378.
Martius, C. J. P. von, Flora 20(2) Beibl.: 35-37. 1837.
Papavero, N., Ess. neotrop. dipterol. 1: 59, 79, 85. 1971.
Rodgers, A. D., John Torrey 151. 1942.
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Short, C. W., *in* W. J. Hooker, J. Bot. 3: 118. 1841.
Spaulding, P., Pop. Sci. Mon. 74: 50-52. 1909 (portr.).
Urban, I., Fl. bras. 1(1): 143-144. 1906 (biogr., itin. Brazil; b. 23 Sep 1782, d. 3 Feb 1867).
Verdoorn, F., Pl. pl. sci. Latin America xxv. 1945.

NOTE: For M's travelogues see e.g. BM 5: 2315-2316.

EPONYMY: *Neowedia* Schrader (1821); *Neuwiedia* Blume (1833). *Note*: *Maximiliana* C. F. P. Martius (1824, *nom. cons.*) and *Maximilianea* C. F. P. Martius in Schrank (1819, *nom. rej.*) are dedicated to Maximilian Joseph I, King of Bavaria, at whose command Martius undertook his famous journey to Brazil (1817-1820).

5722. *Beitrag zur Flora Brasiliens* von Maximilian, Prinzen von Wied-Neuwied, M.d.A.d.N. Mit Beschreibungen von Dr. Nees von Esenbeck, ... Dr. von Martius, ... (mit 6 [8] Kupfertafeln) [Bonn 1823-1824], 2 parts. Qu.
Authors of descr.: Christian Gottfried Daniel Nees von Esenbeck (1776-1858); Carl Friedrich Philipp von Martius (1794-1868).
Pars 1: 1823, *in* Nova Acta Acad. Leop. 11(1): [1]-88. *pl. 1-6.* 1823. *Copy*: U. – To be cited from journal.
Pars 2: (Beschluss): 1824, *ib.* 12(1): [1]-54, *pl. 1-8.* 1824. *Copy*: M. – Id.

Maximowicz-Ambodik, Nestor (1740-1812), Russian physician, botanist and lexicographer. (*Maxim.-Ambodik*).

HERBARIUM and TYPES: Unknown.

NOTE: Frequently alphabetized under Ambodik, M.N. – We are grateful to S. Lipschitz for information on this author.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 49; BM 1: 36; PR ed. 1: 11727; TR 176.
Kaufman, J. M., Terminological dictionaries (in Russian), p. 75, no. 238. 1961.
Shcherbakova, A. A., Proc. Inst. Hist. nat. Sci. USSR Acad. Sci. 32: 225. 1960.

5723. *Botanisches Wörterbuch*, veranstaltet und herausgegeben von der freyen ökonomischen Gesellschaft im Jahr 1795. St. Petersburg (gedruckt beym kayserlichen adelichen Landkadettenkorps) [1795]. Qu. (*Bot. Wörterb.*).

Publ.: 1795, p. [i-iv], [1]-157, *Copy*: MO. – For date and authorship see Kaufman (1961) and Shcherbakova (1960).
Later ed.: 1804 (n.v.), Novum dictionarium latino-germano-rossicum.

Maximowicz, Carl Johann (Ivanovič) (1827-1891), Russian botanist and explorer, at St. Petersburg from 1852; travelled in Eastern Asia 1853-1857 and in China and Japan 1859-1864; curator of the St. Petersburg herbaria (Bot. Gard. and Academy). (*Maxim.*).

HERBARIUM and TYPES: LE, duplicates see IH. – 32 letters to S. O. Lindberg are at H-UB.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 772; Backer p. 359; Barnhart 2: 466; BJI 1: 39; BM 3: 1225; Bossert p. 258; Bret. p. 581, 1066; CSP 4: 304, 8: 361, 10: 752, 16: 1019; Herder p. 465; Hortus 3: 1199 ("Maxim."); IF p. 717; IH 1(ed.6): 361, 2: 517-518; Jackson p. 579 [index]; Kew 3: 632-633; Langman p. 489; Lenley p. 464; Morren ed. 2, p. 30, ed. 10, p. 95; MW p. 311-313, suppl. p. 223-224; NAF ser. 2.7: 42; NI 1317; PR 6011-6015; Rehder 5: 557; SBC p. 126 ("Maxim."); TL-1/376, 815-816; TL-2/1: 1814, 1844; TR 851-863; Urban-Berl. p. 307, 373; Zander ed. 10, p. 690, ed. 11, p. 787, 810.
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Maxon, William Ralph (1877-1948), American pteridologist; Ph. B. Syracuse Univ. 1898; D. Sc. h.c. id. 1922; from 1899 at the Smithsonian Institution. (*Maxon*).

HERBARIUM and TYPES: US. Duplicates see IH.

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EPONYMY: *Maxonia* Christensen (1916).

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Maycock, James Dottin (x-1837), West Indian physician and naturalist. (Maycock).

HERBARIUM and TYPES: Maycock probably made no herbarium.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 466; BB p. 212; BL 1: 229, 308; BM 3: 1272; CSP 4: 305; Desmond p. 431; Herder p. 224; Jackson p. 369; Kew 3: 634; Langman p. 489; Plesch p. 332; PR 6016 ed. 1: 6690 ; Sotheby 520; TL-1/817; Tucker 1: 474.
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Mayebara, [Machara], **Kanjiro** (*fl.* 1931-1955), Japanese botanist. (*Mayebara*).

HERBARIUM and TYPES: private; further material at DAO, MAK, NICH, TI.

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Mayer, Adolf Theodor (1871-1952), German pharmacist and botanist at Tübingen. (*Ad. T. Mayer*).

HERBARIUM and TYPES: STU.

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Mayer, Anton (1867-1951). German algologist and specialist on *Rubus* and *Salix* at Regensburg; studied at the teachers college of Altdorf; teacher at Eschenfeld 1887-1888, from 1888-1932 at various schools in Regensburg, from 1900 at the Müllersche Töchterschule (girls Gymnasium). (*An. Mayer*).

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Copies: NY, Regensburg, US (reprints).

Mayer, Johann Christoph Andreas (1747-1801). Prussian physician and botanist; Dr. med. Greifswald 1772; at the Collegium medico-chirurgicum, Berlin, 1772-1775; professor of medicine ib. 1775-1778; at Frankfurt a.d. Oder 1778-1786; professor of botany and director of the Berlin botanical garden 1786-1801 (succeeding Gleditsch); Geheimrat 1786. (*J. C. Mayer*).

HERBARIUM and TYPES: Unknown.

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5747. *Vorzügliche einheimische essbare Schwämme.* Anhang der Beschreibung der schädlichen einheimischen Giftgewächse ... Berlin (Gedruckt bey Georg Decker) 1801. Fol. (*Vorz. essb. Schwämme*).
Publ.: 1801, p. [i], [1]-20, *pl. 1-3* (col. copp. B. Laurent). *Copies*: MO, NY, USDA. – Appendix to *Einheim. Giftgew.*

Mayer, Johann Prokop (1737-1804), Bohemian horticulturist and botanist; later at Würzburg. (*J. P. Mayer*).

HERBARIUM and TYPES: Unknown. The original watercolours (212) of the *Pomona franconica* and further unpublished drawings in the collection of the Historische Verein vor Unterfranken und Aschaffenburg, at Würzburg (fide NI).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 467 (b. 2 Jul 1737, d. 25 Jun 1804); BM 3: 1273; DU 220; Kew 3: 635; Maiwald p. 217; NI 1318; Plesch p. 332; PR 6057 (ed. 1: 6692); Sotheby 522.

5748. *Pomona franconica.* Description des arbres fruitiers, les plus connus et les plus estimés en Europe, qui se cultivent maintenant au jardin de la cour de Wurzbourg; avec la représentation éxacte [sic] de leurs fruits, en figures en taille-douce, dessinées, gravées et enluminées d'après nature. On y a joint les détails les plus interessants sur leur culture, greffe, plantation &c. ... A Nuremberg [Nürnberg] (chez Adam Wolfgang Winterschmidt, ...) 1776-1801, 3 vols. Qu. (*Pom. francon.*).
1: 1776 (p. xxxvi: 4 Jan 1776), p. [i]-civ, [1]-152, map of garden, *pl. 1-8, 1-8, 1-17.*
2: 1779, p. [ii-iii], [1]-364, *pl. 1-31, 1-9, 1-11, 1-26.*
3: 1801 (preface Jul 1801), p. [ii-vi], [1]-350, *pl. 1-41, 1-113.*
Copies: G (vols. 1,2), NY. – German t.p.: "*Pomona franconica* oder natürliche Abbildung und Beschreibung der besten und vorzüglichsten europäischen Gattungen der Obstbäume und Früchte ..." The 265 plates are copper engr. (etchings), printed in green, finished by hand (see preface).

Mayer, Johann (1754-1807), Bohemian physician and naturalist of Praha. (*J. Mayer prag.*).

HERBARIUM and TYPES: see Klášterský (p. 126) and Lasègue.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 467; BM 3: 1273; Dryander 3: 164, 174, 238, 346, 538, 539; Futák-Domin p. 390; Klášterský p. 126; Lasègue p. 333; Maiwald p. 280 [index] (b. 6 Feb 1754, d. 5 Jun 1807); PR ed. 1: 6693; WU 18: 127-130.
Eisnerova, V., Comm. Czech. Soc. Hist. Sci. Technol. 1: 20-24. 1971 (Excerpta Bot. A, 22: 131. 1973).
Kühnel, J., Thaddaeus Haenke 275 [index]. 1960.
Poggendorff, J. C., Biogr.-lit. Handw. - Buch 2: 94. 1863 (bibl.).
Usteri, P., Del. opusc. bot. 2(17), 1793 (reprint of his diss. inaug. of 1775).

Mayor, Eugène (1877-1976), Swiss physician and botanist at Neuchâtel, travelled in Colombia (1910-1911). (*Mayor*).

HERBARIUM and TYPES: NEU. – Swiss material at BERN, CUP and NEU, Colombian material at B, BIRM, CUP, H, L, MEDEL, NEU, NY, P, PUR, S, Z.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 468; BFM 3086; BM 7: 817-818; IH 1(ed. 6): 361, 2: 519; Kelly p. 146-147; Kew 3: 635; LS 17482-17483, 36775-36797, suppl. 17772-17808; MW p. 313; NAF 7: 1078; PFC 3: xvi; Stevenson p. 1250; TL-2/see E. Irmscher; Urban-Berl. p. 279, 289, 373.
Chiovenda, E., Nuovo Giorn. bot. ital. 31: 290. 1924.
Cruchet, P., Bull. Soc. bot. Suisse 62: 239-243. 1952 (portr.).
Terrier, C., Bull. Soc. neuchât. Sci. nat. 100: 171-181. 1977 (biogr., bibl., portr., b. 7 Jun 1877, d. 14 Sep 1976).
Viennot-Bourgin, G., Bull. Soc. mycol. France 93: 89-91. 1977 (portr.).

5749. *Contribution à l'étude des champignons du Canton de Neuchâtel* ... Neuchâtel (Imprimerie Wolfrath & Sperlé) 1910. Oct.
Publ.: 1910, p. [1]-131. *Copies*: BR, FH. – Reprinted and to be cited from Bull. Soc. neuchât. Sci. nat. 37: 3-131. 1910.

5750. *Voyage d'exploration scientifique en Colombie* ... Neuchâtel (Attinger Frères, éditeurs) 1914. Qu. (*Voy. explor. Colombie*).
Co-author: O. Fuhrmann.
Publ.: 1914 (Bot. Centralbl. 15 Dec 1914), p. [1]-116, [1]-1090, *pl. 1-34. Copy*: USGS. – Mém. Soc. neuchâtel. Sci. nat. 5, 1913 [1914]. – On p. 11-116 "Quelques mois en Colombie by Fuhrmann and Mayor." The second part (1-1090) consist of contributions by a great many authors on special groups.

Mayr, Heinrich (1856-1911), German forester, dendrologist and botanist; Dr. phil. München 1884; from 1887-1891 professor at the University of Tokyo; from 1891-1893 Forstamtsassistent at Wunsiedel; from 1893 professor of forestry at the University of München. (*Mayr*).

HERBARIUM and TYPES: Some material at A and P (PC).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 468 (b. 29 Oct 1856, d. 24 Jan 1911); BM 3: 1274-1275; CSP 10: 758, 17: 118; Herder p. 432; Hortus 3: 1199 ("Mayr"); IH 2: 519; Kew 3: 636; Langman p. 490; LS 17484-17490, 36798-36799, suppl. 17810; Moebius p. 396; Morren ed. 10, p. 18; MW p. 313-314; NAF 7: 1078; Rehder 5: 558-559; SK 1: 352-353; Stevenson p. 1250; Tucker 1: 474; Zander ed. 10, p. 690, ed. 11, p. 787 (d. 24 Jan 1911).
Anon., Biogr. Jahrb. 16: 51*; Bot. Centralbl. 23: 171. 1885 (trip to U.S.A.), 31: 392. 1887 (to Tokio), 47: 352. 1891 (Forstamtsass.), 54: 96. 1893 (prof. forestry München); Bot. Not. 1911: 190. (d. 25 Jan 1911); Bot. Jahrb. 9, Beibl. 21: 1. 1887, 17, Beibl. 41: 52; Österr. bot. Z. 41: 396. 1891 (to Wunsiedel), 43: 192. 1893 (prof. forestry München).
Baker, H. P., Forestry Quart. 9: 268-270. 1911 (obit., portr.).
Dammerman, Ann. Jard. bot. Buitenzorg 45: 13. 1935.
Fabricius, L., Forstwiss. Centralbl. 33 [55]: 241-247. 1911 (obit., portr., d. 24 Jan 1911).
Kneucker, A., Allg. bot. Z. 17: 96. 1911 (d. 11 Jan 1911).
Plasschaert, Tectona 4: 887-889. 1911 (obit.; d. 25 Jan 1911).
Schwerin, F. von, Mitt. deut. dendrol. Ges. 20: 451-452. 1911 (portr.).

5751. *Die Waldungen von Nordamerika* ihre Holzarten, deren Anbaufähigkeit und forstlicher Werth für Europa im Allgemeinen und Deutschland insbesonders ... München (M. Rieger'sche Universitätsbuchhandlung ...) 1890. Oct. (*Wald. Nordamer.*).
Publ.: Sep-Nov 1889 (t.p. 1890; Nat. Nov. Oct(2) 1889; Bot. Zeit. 29 Dec 1889; J. Bot. Dec 1889; ÖbZ for Nov 1889), front., p. [iii]-xii, [1]-448, *pl. 1-12. Copies*: MO, NY, US, USDA.
Ref.: Anon., Hedwigia 29: 302. Nov-Dec 1890.
Tubeuf, C. v., Bot. Centralbl. 41: 392-395, 413-415. 1890.

5752. *Monographie der Abietineen des Japanischen Reiches*, (Tannen, Fichten, Tsugen, Lärchen und Kiefern) In systematischer, geographischer und forstlicher Beziehung bearbeitet ... München (M. Rieger'sche Universitäts-Buchhandlung ...) 1890. Qu. (*Monogr. Abietin. Japan. Reich.*).
Publ.: Nov-Dec 1890 (p. 104: Oct 1890; Nat. Nov. Dec(2) 1890; J. Bot. Jun 1890; Bot. Zeit.

30 Jan 1891), p. [i*-iii*], i-viii, [1]-104, *pl. 1-7* (col. liths.). *Copies*: BR, E, G, NY, U, USDA; IDC 7371.
Re-issue: 1895, n.v. fide Bot. Zeit. 16 Apr 1895 ("billige Ausgabe").
Note: According to the Prospectus of Rieger at München (Mai 1891), the book had just been received from Japan and was now available. The copy at E has a loose sheet dated 6 Mai 1891 in which the München publisher sends it out for review. This would point at distribution from the European center in 1891. However, the notes in Nat. Nov. and Bot. Zeit. might be based on copies received directly from Japan; we therefore accept for the moment publication in 1890 in agreement with the t.p. date.
Ref.: Jännicke, Bot. Centralbl. 46: 129-136. 1891 (rev.) (ann. 2 Jan 1891).

5753. *Aus den Waldungen Japan's*, Beiträge zur Beurtheilung der Anbaufähigkeit und des Wertes der japanischen Holzarten im deutschem Walde und Vorschläge zur Aufzucht derselben im forstlichen Kulturbetriebe ... München (M. Rieger'sche Universitätsbuchhandlung) 1891. Oct. (*Waldung. Jap.*).
Publ.: 1891 (p. [iii]: Jun 1891), p. [i, iii], [1]-59. *Copy*: BR.

5754. *Fremdländische Wald- und Parkbäume für Europa* ... Berlin (Verlagsbuchhandlung Paul Parey ...) 1906. Oct. (*Fremdländ. Wald- Parkbäume*).
Publ.: Jan-Feb 1906 (p. viii: Jan 1906; ÖbZ, 1 Mar 1906; Bot. Centralbl. 27 Mar 1906; Nat. Nov. Mar (1) 1906; Bot. Zeit. 1 Jun 1906), [i]-viii, [1]-622, *pl. 1-20*. *Copies*: L, NY, USDA.

Mayr, Johann (*fl.* 1797), German engraver and printer at Regensburg. (*J. Mayr*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: NI 1319-1320; Rehder 5: 559; PR 6700; TL-2/3032. Fischer, E., Gutenberg Jahrb. 1933: 201. (bibl.).

5755. *Schwarze Abdrücke der um Regensburg wildwachsenden officinellen Pflanzen.* Erstes Heft. Regensburg 1794. (*Schwarz. Abdr. Regensb. Pfl.*).
Publ.: 1794, p. [i], *pl. 1-25*. *Copy*: REG. – Fischer no. 17, NI 1320.

5756. *Deutschlands Flora* in schwarzen Abdrücken von den Pflanzen selbst. Beförderern und Sammlern deutscher Kunstwerke gewidmet ... Erstes Heft von hundert Abbildungen. Regensburg im September 1797 (*Deutschl. Fl.*).
Publ.: 1797-1799, t.p. [i], *937 pl. Copy*: REG. – Fischer 18, NI 1319. Fischer mentions that Hoppe stated that 500 plates had been supplied by Mar 1798; there were plans to make this 1000 by Easter 1799. Heft 1 had 94 pl. with 100 figures.
Ref.: Fischer 18, NI 1319.

Mayrhofer, P. [Father?] **Joseph** (1831-1880), German botanist, "Conventual des Benedictinerstifter Weltenburg." (*J. Mayrhofer*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 468 (b. 21 Aug 1831, d. 9 Jan 1880); CSP 17: 118; Rehder 1: 386.

5757. *Flora weltenburgensis*, ein Weihegeschenk zum tausendvierhundertjährigem Geburtsfeste unsers heil. Ordens-Stifters Benedictus ... Regensburg (Druck von Friedrich Pustet) [1879] Oct. (*Fl. weltenb.*).
Publ.: 1879 (p. viii: Feste des heil. Aloysius 1879 = 21 Jun), p. [i]-xlviii, [49]-118, map. *Copy*: M. – See also Ber. bot. Ver. Landshut 9, 1886 (45 p.) and 12: 211-217. 1892 for revision and addenda.

Mayrhofer, Karl (x-1853), Austrian botanist (*Mayrhofer*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 468 (d. 4 Nov 1853); BM 3: 1275; CSP 4: 314; PR 6023 (ed. 1: 6701).
Neilreich, A., Verh. zool. bot. Ges. Wien 5(Abh.): 39. 1855.

5758. Dissertatio inauguralis medico-botanica *de orchideis in territorio vindobonensi crescentibus* quam concensu et auctoritate excellentissimi ac illustrissimi domini praesidis et directoris, perillustris ac spectabilis domini decani nec non clarissimorum d.d. professorum pro doctoris medicinae laurea rite obtinenda in antiquissima ac celeberrima Universitate vindobonensi publicae disquisitioni submittit Carolus Mayrhofer ... in theses adnexas disputabitur in universitatis aedibus die 2. mensis Junii anni mdcccxxxii. Vindobonae (typis J. P. Sollinger Oct. (*Orchid. vindob.*).
Publ.: 2 Jun 1832 (Regensburg rd. 16 Oct 1833), p. [i]-viii, [1]-56. *Copy*: NY.
Ref.: Anon., Flora 16: 666-668. 14 Nov 1833.

Mayrhoffer, Johann Nepomuk [Mayrhofer, I.N.] (1764-1832), Austrian botanical artist, later at München. (*Mayrh.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 468; BM 3: 1275; NI 1321-1330.
Anon., Flora 3(6): 96. 14 Feb 1820 (publ. A. Sterler & J. N. Mayrhoffer, *Europ. med. Fl., Heft 1*).
Ferchl, F. M., Geschichte der Errichtung der ersten lithographischen Kunstanstalt bei der Feiersschule in München. München 1862 (fide NI).
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COMPOSITE WORKS: See Schrank, F. von P. von, *Flora monacensis*, plates by Mayrhoffer.

Mazé, Hippolyte Pierre (1818-1892), French naval author who collected in the West Indies. (*Mazé*).

HERBARIUM and TYPES: The original herbarium, made jointly with Alphons Schramm (1823-1875), was destroyed at Guadeloupe in 1871. Important sets of Mazé material, especially algae, are at BM, K, L and PC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 468; (b. 22 Nov 1818, d. 29 Jan 1892) BL 1: 229, 308; BM 3: 1275; CSP 10: 758; De Toni 1: lxxxiii, 4: xxxlx; IH 2: 519; Jackson p. 370; Kew 3: 636; Moebius p. 242; Tucker 1: 475; Urban-Berl. p. 266-267, 321.
Anon., Actes Soc. Linn. Bordeaux 47: 10. 1894; Hedwigia 41 (beibl. 2): (100). 1902 (Prix Montange).
Davy de Virville, Hist. bot. France 204. 1954.
Dixon, P., Brit. phycol. Bull. 3: 214. 1967.
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 109. 1970 (pl. E).
Jackson, B. D., Bull. misc. Inf. Kew 1901: 45 (1982 specimens at K).
Koster, J. Th., Taxon 18: 555. 1969.
Murray, G., Hist. coll. BM(NH) 1: 167. 1904 (1509 alg. at BM).
Questel, A., Fl. Guadeloupe 57. 1951.
Sayre, G., Mem. New York Bot. Gard. 19: 367. 1975.
Urban, I., Symb. ant. 1: 105-107. 1898 (copy *Essai* 1865 in library of E. Bornet), 3: 84. 1902.

EPONYMY: *Mazaea* Krug & Urban (1897) and *Neomazaea* Krug & Urban (1898) are dedicated to Manuel Goméz de la Maza y Jimenez (1867-1916), Cuban botanist, Director of the botanical garden in Havana.

5759. *Essai de classification des algues de la Guadeloupe* par A. Schramm et H. Mazé. Basse-Terre (Guadeloupe) (Imprimerie du Gouvernement) 1885. (*Essai alg. Guadeloupe*).
Co-author: Alphons Schramm (1823-1875). Senior author for eds. 1 and 1a.
Ed. 1: 24 Feb 1865 (date of dépot légal stamped on copy MICH), p. [i-iii], 1-52. *Copy*: MICH (photocopy).

Ed. 1a: 1866, p. [i-v], 1-144. *Copy*: NY. – *Essai* . . . Mazé. Cayenne (Guyane française) (Imprimerie du Gouvernement) 1866. Fol. – Lithographed manuscript, p. [v] dated 20 Feb 1866.
Ed. 2: 1878, (t.p. "1870-1877"; p.xix: 29 Dec 1877; Bot. Zeit. 1 Nov 1878; Nat. Nov. Mai(1) 1879; BSbF Nov-Dec 1878), p. [i]-xix, [1]-283, [i]-iii err. *Copies*: BR, FH, G, USDA. "2 édition". Basse-Terre (Guadeloupe) Imprimerie du Gouvernement 1870-1877. Qu.
Facsimile ed.: 1905, Berlin (W. Junk). *Copies*: G, MICH, NY.
See Urban (1898) for all editions. For a revision of the Diatoms see P. Petit, Nuova Notarisia, 1898, 13 p.
Ref.: Junk, W., Rara 1: 88. 1900-1913.

5760. *Contribution à la flore de la Guadeloupe* . . . Basse-Terre (Imprimerie du Gouvernement) 1892. Oct. (*Contr. fl. Guadeloupe*).
Publ.: 1892, p. [i], [1]-190. *Copies*: US, USDA.

Mazza, Angelo (1844-1929), Italian algologist. (*Mazza*).

HERBARIUM and TYPES: PI; some further material at BR and L.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 468; IH 2: 520; MW p. 314; Saccardo 2: 71.
Chiovenda, E., Nuovo Giorn. bot. ital. 31: 279. 1924.
Forti, A., Atti Soc. ital. Sc. nat. Mus. civ. Milano 68 (3/4): 240-244. 1929 (n.v.).
De Toni, G. B., Malpighia 20: 272-283. 1906.
Merrill, E. D., B. P. Bishop Mus. Bull. 144: 133. 1937; Contr. U.S. natl. Herb. 30: 208. 1947.
Papenfuss, G. F., Israel J. Bot. 17: 107. 1968.

EPONYMY: *Mazzaella* G. De Toni (1936).

5761. *Saggio di algologia oceanica*. Padova (Tipografia del Seminario) 1905-1911. Oct. (*Saggio algol. ocean.*).
Vol. 1: 1905-1911 (p. 3: 1 Jan 1905, "ore 15"), p. [1]-528.
Vol. 2: 1911-1916, p. [i], 529-1056.
Vol. 3: 1916-1922, p. [i], 1057-1584.
Vol. 4: 1922-1926 (p. 2082: 29 Sep 1924), p. [i], 1585-2096.
Copies: G, NY, – Reprinted from Nuova Notar. 16: 85-89, 129-141. 1905; 17: 1-13, 41-56, 81-101, 129-150. 1906; 18: 1-36, 67-98, 126-152, 177-195. 1907; 19: 1-24, 49-66, 109-129, 153-170. 1908; 20: 6-18, 65-86, 113-135. 1909; 21: 1-27, 65-99, 125-152, 169-199. 1910; 22: 7-25, 53-80, 109-139, 157-171. 1911; 23: 1-24, 57-78, 109-122, 165-182. 1912; 24: 1-22, 57-85, 113-131, 157-174. 1913; 25: 1-34, 57-77, 141-162, 193-210. 1914; 26: 1-42, 49-75, 133-154, 181-206. 1915; 27: 1-53, 104-155, 169-215. 1916; 28: 70-109, 176-239. 1917; 29: 1-34, 57-112. 1918; 30: 1-62. 1919; 31: 1-64, 93-160. 1920; 32: 1-48, 73-132. 1921; 33: 1-31, 97-125. 1922; 34: 1-24. 1923; 35: 7-18. 1925. Reprint 1: 1, 1-528. 1905-11; 2: 529-1056. 1911-16; 3: 1057-1584. 1916-22; 4: 1585-2096. 1922-26. Includes descriptions of and critical notes on 812 species of algae, some from Polynesia. The last few parts bear the title: "Aggiunte al Saggio Algologia." (Merrill 1937).

Mazzucato, Giovanni (1787-1814), Italian botanist (Mazzuc.).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 657; CSP 4: 315; Hortus 3: 1199 ("Mazz."); PR 6024-6026 (ed. 1: 6702-6705); Rehder 5: 559; RS p. 118; Saccardo 1: 108, 2: 72; Zander ed. 10, p. 690, ed. 11, p. 787.

5762. *Viaggio botanico all'Alpi Giulie* lettera del professor Mazzucato al professor Arduino. Udine (dalla tipografia Vendrame) 1811. Oct. (*Viaggio bot. Alp. Giulie*).
Publ.: 1811, p. [1]-28. *Copy*: G.

5763. *Triticorum definitiones* atque synonyma . . . Utini (ex typographia Peciliana) 1812. Oct. (*Tritic. def.*).

Publ.: 1812, p. [1]-30. *Copies*: FI, G, L, WU.

Mead, Samuel Barnum (1798-1880), American botanist and physician; B. A. Yale 1820; from 1824-1835 practicing at Greenwich, Conn.; from 1833 at Augusta, Ill. (*Mead*).

HERBARIUM and TYPES: KNOX (12-15.000). – Borrowed by G. N. Jones for his *Flora of Illinois* and returned about 1958. (Information James C. Solomon).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 469 (b. 18 Oct 1799); BL 1: 202, 309; IH 1 (ed. 6): 361, 2: 520 (herb. not at ILL but at KNOX; Lenley p. 284, 464 (11 letters to Torrey); ME 3: 623; Pennell p. 613; Urban-Berl. p. 271.
Anon., Bot. Centralbl. 5: 64. 1881 (d. 11 Nov 1880); Bot. Gaz. 5: 150. 1880, 7: 52. 1882; Bull. Torrey bot. Club 8: 12. 1881; J. Bot. 29: 64. 1881.
Kibbe, Alice L., A botanical study and survey of a typical mid-western County, Carthage Illinois 1952, p. 20-24, 415-425 (expl., biogr.).
Steinberg, C. H., Webbia 32(1): 31. 1977.

Medelius, Sigfrid Olof (1878-1930), Swedish clergyman and botanist; studied at Lund; rector at Jämshög, Blekinge; from 1924 minister at "Halmstadts i Sireköpings pastorat," Skåne (*Medelius*).

HERBARIUM and TYPES: LD; further material at C, E, GB, H, LD.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 469 (b. 24 Nov 1878, d. 23 Aug 1930); IH 2: 520-521; KR p. 498; SBC p. 127.
Allorge, P., Rev. bryol. ser. 2. 3(4): 217. 1930 (obit.).
Anon., Generalreg. Bot. Not. 1839-1938, p. 53-54, 182. 1939; Bot. Not. 1930: 510*, 1933: 72, 85.
Möller, H., Bot. Not. 1930: 510-512 (portr., bibl.), see also 1933: 72, 85.
Sayre, G., Bryologist 80: 513. 1977.

5764. *Bidrag till kännedomen om Blekinges mossflora* [Särtryck ur Botaniska Notiser 1926, Lund 1926]. Oct.
Publ.: 15 Feb 1926, p. [1]-33. *Copy*: H. – Reprinted and to be cited from Bot. Not. 1926: 1-33.

5765. *Mossvegetationen i Storlien* med omnejd [Arkiv för Botanik. Band 20A. N:o 10, 1926]. Oct.
Publ.: shortly after 2 Jun 1926 (date of printing, p. 77), p. [1]-77. *Copy*: H. – Issued as and to be cited from Ark. Bot. 20A(10): 1-77. 1926.

Medicus, W. (± 1892), German naturalist at Kaiserslautern. (*W. Medicus*).

HERBARIUM and TYPES: Unknown. – Issued "Etiketten für Pflanzen-Sammlungen, Kaiserslautern 1889 (Nat. Nov. Apr(2) 1889).

BIBLIOGRAPHY and BIOGRAPHY: CSP 4: 319, 17: 127; Kelly p. 147; LS 17635-17638; Rehder 5: 560; Tucker 1: 475.

5766. *Flora von Deutschland.* Illustriertes Pflanzen-Buch. Anleitung zur Kenntniss der Pflanzen nebst Anweisung zur praktischen Auflage von Herbarien . . . Kaiserslautern (Aug. Gotthold's Verlagsbuchhandlung) [1891-1893]. Oct. (*Fl. Deutschl.*)
Publ.: in 10 parts, 1891-1893, lithogr. t.p., portr., p. [i]-xxxix,[xl, err.], [1]-229, *pl. 1-72* (col.), [1-10, adv.]. *Copies*: B, G(orig. covers), NY., – 6000 copies printed according to prospectus. – Dates based on Nat. Nov., Bot. Zeit. and Bot. Centralbl.

Part	pages	plates	dates
1	[1]-32	portr., *1-8*	Mai 1891
2	33-64	*9-16*	Dec 1891
3	65-96, err. sl.	*17-24*	Jan 1892

Part	pages	plates	dates
4	97-128	*25-32*	Feb 1892
5	129-160	*33-40*	Sep 1892
6	161-192	*41-48*	Oct 1892
7	193-208	*49-56*	Dec 1892
8	209-224	*57-64*	Jan 1893
9/10	225-229	*65-72*	Dec 1893
	[i]-xxxix, [xl]		Dec 1893

Medikus, Friedrich Kasimir (1736-1808) [Medicus, Friedrich Casimir], German botanist; in charge of the Mannheim botanic garden from 1766; at Schwetzingen and Mannheim. (*Medik.*).

HERBARIUM and TYPES: Unknown.

NAME: Friedrich Kasimir Medikus on title pages of publications until 1786; in 1771 and from 1786 onward Friedrich Kasimir Medicus; Brosi (1958) found Friedrich Casimir Medikus to be correct.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 18, 298; Barnhart 2: 470; BM 3: 1277; CSP 4: 319, 17: 127; Dryander 3: 48, 83, 203, 207, 217, 276, 291, 313, 370, 394, 399, 442, 444, 611, 616, 623, 636, 647; 5: 350; DSB 9: 253-254; Frank 3(Anh.): 63; Herder p. 465 [index]; Hortus 3: 1199 ("Medic."); Jackson p. 3, 429; Kew 3: 637-638; LS 17632-17634; Moebius p. 323, 328, 395; PR 6028-6043 (ed. 1: 6712-6728); Rehder 5: 559-560; RS p. 118; SO 721, 753a; TL-1/819-821; Tucker 1: 475-476; Zander ed. 10, p. 690, ed. 11, p. 787 (d. 15 Jul 1808).

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Fries, Th. M., Bref Skrifv. Linné 1(3): 261. 1909.
Fuchs, H. P., J. Soc. Bibl. nat. Hist. 4: 63-65. 1962.
Jessen, K. F. W., Bot. Gegenw. Vorz. 319, 331, 388. 1884.
Jourdan, A. J. L., Dict. Sci. méd., Biogr. méd. 6: 245-246. 1824.
Lütjeharms, W. J., Gesch. Mykol. 52, 86, 118, 123, 171, 177. 1936.
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EPONYMY: *Medicusia* Moench (1794) might commemorate F. K. Medikus ("In memoriam Cl.Medici, observatioris acutissimi").

5767. *Index plantarum horti electoralis Manhemiensis.* Autore Frid. Casim. Medicus . . . Manhemii [Mannheim] (Typis Academicis) 1771. 18-mo. (*Index pl. hort. Manhem.*).
Publ.: Nov-Dec 1771 (p. 6: cal. Nov 1771; t.p. 1771), frontisp., p. [i], [1]-70. *Copies*: NY, IDC 1319. – List of names; references to L., Syst. nat. ed. 12.

5768. *Breiträge zur schönen Gartenkunst.* Mannheim (in der neuen Hof- und akademischen Buchhandlung). 1782. Oct. (*Beitr. Gartenk.*).
Publ.: Apr-Jun 1782 (p. [x]: 26 Mar 1782, NZGS 18 Jul 1782), p. [i-xxii], [1]-378, [1-12, ind.]. *Copies*: USDA; IDC 8132. – "Erste Auflage auf Schreibpapier."

Second printing: 1783 (n.v.) "auf Druckpapier".

5769. *Botanische Beobachtungen des Jahres 1782.* Von Friedrich Kasimir Medikus. Nebst einer Kupfertafel, einem sexuellen und alphabetischen Register. Mannheim (in der neuen Hof- und akademischen Buchhandlung) 1783. Oct. (*Bot. Beob. 1782*).
Publ.: 1783 in four Hefte (rev. of 1-3 by NZgS on 3 Apr 1783; 4 on 23 Feb 1784; p. 5: 6 Aug 1782), p. [i], [1]-419, *1 pl.* (uncol. copp. Verhelst). *Copies*: G, L, M, NY, USDA; IDC 8133.
1: Sep-Dec 1782, p. [1]-88.
2: Dec 1782-Mar 1783, p. [89]-197, [198, note].
3: id., p. [199]-294.
4: Apr-Dec 1784, p. 295-419.

5770. *Botanische Beobachtungen des Jahres 1783.* Nach dem sexuellen Pflanzenregister neu geordnet von Friedrich Kasimir Medikus . . . Mannheim (in der neuen Hof-und akademischen Buchhandlung) 1784. Oct. (*Bot. Beob. 1783*).
Publ.: 1784 (p. xiv: 9 Dec 1783), p. [i-xxxv], [1]-312, [1-8, index.]. *Copies*: FI, L, M, NY, U, USDA; IDC 8134.

5771. *Theodora speciosa* ein neues Pflanzen Geschlecht. Seiner churfürstlichen Durchlaucht von Pfalz-Baiern geheiliget. Nebst einem Entwurfe, die künstliche und natürliche Methode in Ordnung des Pflanzenreiches zugleich anzuwenden, als der sichersten, ein Pflanzenkenner zu werden. Von Friedrich Kasimir Medikus, . . . mit vier Kupfertafeln. Mannheim (in der neuen Hof- und akademischen Buchhandlung) 1786. Oct. (*Theodora*).
Publ.: 1786, p. [1]-116, *pl. 1-4* (uncol. copper engr. A. Karcher). *Copies*: FI, G, L, M, MO, NY, USDA; IDC 8135. – The copy at M has a coloured original drawing by Medicus himself of *Theodora speciosa*.

5772. *Ueber einige künstliche Geschlechter aus der Malven-Familie,* denn der Klasse der Monadelphien. Mit beigefügtem Urtheile über Linneische Geschlechter, und deren Klassifikation; über Herbarien und Terminologie; dann Empfehlung einer Sammlung von Fruchtgehäusen, und deren Saamen; vorzüglich einer genauen Zergliederung sämtlicher Fruktifikations-Theile jeder Pflanze. Von Friedrich Kasimir Medicus . . . Mannheim (in der neuen Hof- und akademischen Buchhandlung) 1787. Oct. (*Malvenfam.*).
Publ.: before 9 Mai 1787 (Manitz 1975), p. [i], [1]-158. *Copies*: FI, G, M, MO, NY, USDA; IDC 840.
Ref.: Manitz, H., Wiss. Z. Fr. Schiller Univ. Jena, Mat. Nat. 24(4): 499. 1975.

5773. *Philosophische Botanik,* mit kritischen Bemerkungen . . . Mannheim (in der neuen Hof- und Akademischen Buchhandlung) 1789-1791, 2 Hefte. Oct. (*Philos. Bot.*).
Publ.: 2 Hefte 1789-1791. *Copies*: FI, G, MO, NY, U, USDA; IDC 8138.
Erstes Heft: Apr 1789 (TL-1; see p. [ii] stating that part of the material was previously published in Vorl. Churpf. phys.-ökon. Ges. 4(1): 167-282. 1788), p. [i-ii], [1]-266, [1-2].
Zweites Heft: Mai 1791, p. [1]-112, [1-6, cont.; 1-5, ind.].

5774. *Über den gynandrischen Situs der Staubfäden und Pistille einiger Pflanzen.* München s.d. Qu. (*Gynandr. Situs*).
Publ.: Apr-Jun 1790 in Hist. Comment. [Acta] Acad. Theod.-Palat. pars phys. 6 (1790); no reprints are known to have been made at the time of publication. The publisher Franz at Munich offered copies of the articles from the Acta for sale separately in 1830, announcing them erroneously as of the year 1787.
Ref.: Fuchs, H.P., J. Soc. Bibl. nat. Hist. 4: 63-65. 1962.

5775. *Lettre de M. Medicus . . . à M. de la Méthérie, . . . ,* dans laquelle on répond à la réfutation que M. le Baron de Beauvois a fait insérer dans le Journal de Physique, du mois de février 1790, sur l'origine des champignons. A Mannheim (de l'imprimerie de la Cour & de l'Académie) 1790. Oct. (*Lettre à Méthérie*).
Publ.: 1790 (p. 3: 22 Mai 1790), p. [1]-16. *Copy*: NY. – Refers to Ambroise Marie François Joseph Palisot de Beauvois (1752-1820), Lettre au sujet du Traité sur l'origine et la formation des champignons, J. Phys. 36: 81-93. Feb 1790.

German version: *in* Roemer et Usteri, P., Mag. Bot. 11: 159-163.

5776. *Pflanzen-Gattungen* nach dem Inbegriffe sämtlicher Fruktifikations-Theile gebildet, und nach dem Sexual-Pflanzen-Register geordnet; mit kritischen Bemerkungen. Erstes Heft; mit zwei Kupfertafeln. Von Friedrich Casimir Medicus . . . Mannheim (bei Swan und Götz) 1792. Oct. † (*Pfl.-Gatt.*).
Publ.: 22 Apr 1792, p. [1]-127, [128, index], *pl. 1-2* (uncol. copp. Verhelst). *Copies*: G, L, M, NY; IDC 6061.

5776a. *Ueber nordamerikanische Bäume und Sträucher*, als Gegenstände der deutschen Forstwissenschaft und der schönen Gartenkunst . . . Mannheim (bei Schwan und Götz) 1792. Oct. (*Nordamer. Bäume*).
Publ.: 1792 (p. [x]: 22 Dec 1791), p. [i-xiii], [1]-96. *Copies*: NY; IDC 8140.

5777. *Geschichte der Botanik unserer Zeiten.* Von Friedrich Casimir Medicus . . . Mannheim (bei Schwan und Götz) 1793. Oct. (*Gesch. Bot.*).
Publ.: Aug 1793 (ALZ 28 Aug 1793, "erschienen", inf. J.W. Landon), p. [1]-96. *Copies*: FI, G, NY, USDA; IDC 8141.

5778. *Critische Bermerkungen* über Gegenstände aus dem Pflanzenreiche . . . 1793. Oct. † (*Crit. Bemerk.*).
Publ.: 1793, 2 Stücke. *Copies*: MO; IDC 1324.
1(1): 1793, p. [1]-111, [112, cont.].
(2): 1793, p. [113]-303, [304, cont.].

5779. *Unächter Acacien-Baum.* Zur Ermunterung des allgemeinen Anbaues dieser in ihrer Art einzigen Holzart . . . Leipzig (1(1-2): In der Gräffschen Buchhandlung, from 1(3) on: bey Heinrich Gräff) 1794-1799. 5 vols. Oct. (*Unächt. Acacien-Baum*).
1(1): 1794, [1]-110.
(*2*): 1794, [111]-180, [1-4, cont.].
(*3*): 1795, [181]-274, [1-2, cont.], *1 pl.* (uncol. copp.).
(*4*): 1795 (p. 384: Jun 1795), [275]-392, [1-2, cont.].
(*5*): 1795, [393]-504.
(*6*): 1795, [505]-608.
1(Anhang): Jan 1796, pl. [1]-94, [1-2].
2(1): 1796 (p. [6]: Feb 1796), p. [1]-94, [95-98], [1-6, div.].
(*2*): 1796, [99]-222; also with t.p. vol. *vol. 1.*
(*3*): 1796, [223]-348, [349-350].
(*4*): 1796 (p. 446: Sep 1796), [351]-446.
(*5*): 1797, [447]-516.
(*6*): 1797, [517]-606, [607-608, with adv. Oct 1796]. (*index*): 1798, [609]-656.
3(1): 1797, [1]-70.
(*2*): 1797, [71]-150.
(*3/4*): 1798, [i], [151]-288, [1-4].
(*5*): 1798, [i-iv], [285, sic]-367, [368, err.].
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4(1/2): 1798, [1]-158, [1-2, adv.].
(*3/4*): n.v., p. [159]-312.
(*5*): 1799, p. [i-iv], [313]-508.
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Copy: M. – *Extract*: "Auszug aus des Herrn . . . Medicus Abhandlung: über :.." by Kriegscommissarius Rieben, Dresden 1795, p. [1]-18. *Copies*: M; IDC 8142.

5780. *Beyträge zur Pflanzen-Anatomie*, Pflanzen-Physiologie und einer neuen Charakteristik der Bäume und Sträucher . . . Leipzig (bey Heinrich Gräff) 1799-1801. 7 Hefte. Oct. (*Beytr. Pfl.-Anat.*).
1: 1799, p. [1]-63, [64, cont.].
2: 1799, p. [66, sic]-140, [1].
3: 1799, p. [141]-228.
4: 1799, p. [i], [229]-299.

5: 1800, p. [301]-404.
6/7: 1801, p. [405]-521, [522-524], Mannheim und Leipzig (auf Kosten des Verfassers, und bey Herrn Heinrich Gräff) 1801. Oct.
Copies: G, USDA; IDC 8139.

5781. *Beiträge zur Kultur exotischer Gewächse* . . . Mannheim (in Tobias Löfflers Buchhandlung) 1806. Duod. (*Beitr. Kult. exot. Gew.*).
Publ.: 1806, p. [1]-264, [265-267]. *Copies*: L; IDC 8144. – Contains a list of M's publications on p. [265-267].

Medlicott, Henry Benedict (1829-1905), British geologist; from 1854 until 1887 with the Geological Survey of India; 1854-1862 also professor of geology at Rurki; Mutiny Medal 1857; from 1876-1885 director of the Survey. (*Medlicott*).

HERBARIUM and TYPES: : Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 302; BM 3: 1277-1278; CSP 4: 319, 8: 368, 10: 760-761, 17: 128; Quenstedt p. 287.
Anon., Rec. Geol. Survey India 20: 121-122. 1887 (bibl.).
Blandford, W. T., Rec. Geol. Survey India 32: 233-241. 1905.
Poggendorff, J. C., Biogr.-lit. Handw.-Buch 3: 893. 1898, 4(2): 981. 1904 (b. 8 Aug 1829), 5(2): 826 (d. 6 Apr 1905).
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Zittel, K. A. von, Hist. geol. palaeontol. 210, 211, 310, 457. 1901.

EPONYMY: : *Medlicottipites* B. Biswas (1962).

5782. *A manual of the geology of India.* Chiefly compiled from the observations of the Geological Survey. Calcutta (sold at the office of the Superintendent of Government Printing; Geological Survey office; . . .) London (Trübner & Co.) 1879. Oct. (*Man. geol. India*).
Co-author: William Thomas Blandford (1832-1905).
Publ.: 1879, p. [i]-xviii, [i]-lxxx, [1]-444. *Copy*: Teyler.

Meehan, Thomas (1826-1901), British-born nurseryman; Kew gardener 1846-1848; from 1853 at Germantown (Philadelphia). (*Meehan*).

HERBARIUM and TYPES: Material at GH, NY and PH.

BIBLIOGRAPHY and BIOGRAPHY: : Barnhart 2: 470; BB p. 212; BJI 1: 39; BM 3: 1278; Bossert p. 262; CSP 4: 319, 8: 368-370, 10: 761-762, 12: 496, 17: 128-130; DAB (by Harshberger); Desmond p. 432; Herder p. 224; Hortus 3: 1199 ("Meehan"); IH 2: 521; Jackson p. 358, 509; Kew 3: 638; Langman p. 496; Lenley p. 284; LS 17640-17651, 36872-36881; ME 1: 211, 2: 208, 582, 3: 467, 484; Morren ed. 2, p. 36, ed. 10, p. 129; MW suppl. p. 224; NI 1331; PR (alph.); Rehder 5: 560-562; SO 880a; Tucker 1: 476-477.
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Britten, J., J. Bot. 40: 38-41. 1902 (portr.).
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Graustein, J. E., Thomas Nuttall 19, 207. 1967.
Harshberger, J. W., Bot. Philadelphia 249-256. 1899 (portr.).
Hedrick, U. P., Hist. hortic. America 540 [index]. 1950.
Howard, L. O., Smithson. misc. Coll. 84: 15. 1930.
Hultén, E., Bot. Not. 1940: 305.
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Meehan, S. M., Meehan's Monthly 12: 13-19, *pl. 1.* 1902.
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Phillips, V. T. and M.E., Guide mss. coll. Acad. Phila. p. 499 [ind.]. 1963.
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Wittrock, V. B., Acta Horti Berg. 3(3): 199. 1905.
Wycott, E., Bibl. Contr. Lloyd Libr. 9: 390. 1913.

COMPOSITE WORKS: Editor *Gardener's Monthly* 1859-1888, and *Meehan's Monthly*, 1-12, 1891-1902.

EPONYMY (genera): *Meehania* N. L.Britton (1894); *Meehaniopsis* Kudo (1929); (journal): *Meehans' Monthly*, a Magazine of Horticulture, Botany and kindred subjects. Germantown, Philadelphia, Pa., vol. 1-12. 1891-1902.

5783. *The native flowers and ferns of the United States* in their botanical, horticultural and popular aspects . . . [1-2, ser. 2(1):] Boston (L. Prang and Company), [ser. 2(2):] Philadelphia (Chas. Robson & Co.) 1878-1880, 4 vols. (*Native fl. ferns U.S.*).
1: 1878, in 12 parts (Nat. Nov. Jan(1) 1879; p. v: Mai 1878), p. [i]-ix, [1]-192, *pl. 1-48* (chromoliths. by Alois Lunzer).
2: 1879, in 12 parts, p. [i]-v, [1]-200, *pl. 1-48* (id.).
Ser. 2, 1: 1880, in 12 parts (p. 4: Mai 1879; Nat. Nov. Nov(1) 1880; Bot. Zeit. 3 Dec 1880), p. [1]-4, [vii]-ix, 5-196, *pl. 1-48*.
Ser. 2. 2: 1880, in 12 parts, p. [i]-v, [5]-204, *pl. 1-48*.
Copies: G, NY, US, USDA; IDC 7226.

Meerburgh, Nicolaas (1734-1814), Dutch gardener; curator of the Leiden botanical garden 1774-1814. (*Meerb.*).

HERBARIUM and TYPES: : A small number of plants from the Leiden garden is at E and at L. The original herbarium of 5000 "species" was offered for sale by his son in 1816, but the present location is unknown.

BIBLIOGRAPHY and BIOGRAPHY: : Aa 12(1): 484, Barnhart 2: 470; BM 3: 1278; Dawson p. 536, 866; Dryander 5: 350-351; DU 203-204; GF p. 67; Herder p. 146; Hortus 3: 1199 ("Meerb."); HU 705; IH 2: 521; Jackson p. 33, 113; JW 1: 446, 3: 362, 5: 246; Kew 3: 639; Lenley p. 284; MW p. 315; NAF 28B(2): 345; NI 1333-1334; Plesch p. 333; PR 6044-6047 (ed. 1: 6732-6734); Rehder 5: 562; RS p. 74; Sotheby 527; TL-1/822-824; TL-2/1: see Gorter, D. de; Tucker 1: 477; Zander ed. 10, p. 690-691, ed. 11, p. 787.
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Forbes, R. J., ed., Mart. v. Marum 3: 256. 1971.
Fuchs, H. P., Acta bot. neerl. 11: 69-89. 1962, 12: 12-16. 1963 (updates nomenclature of the three illustrated works by M.).
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 109. 1970 (pl. E).
Stafleu, F. A., Linnaeus and the Linnaeans 173, 183. 1971.
Steenis-Kruseman, M. J. v., Blumea 25: 34. 1979 (coll. L).
Thunberg, C. P., Voyages au Japon 1: 23. 1796.
Veendorp, H. & L. G. M. Baas-Becking, Hortus acad. lugd.-bat. 130-131, 137, 142. 1938.

EPONYMY: *Meerburgia* [sic] Moench (1802).

5784. *Afbeeldingen van zeldzame gewassen* . . . te Leyden (by Johannes le Mair) 1775[-1780]. Fol. (*Afb. zeldz. gew.*).
Publ.: 1775-1780, in five parts, p. [i-xxiv], *pl. 1-50 Copies*: MO; IDC 441. – See Sotheby 527 for a copy with *55 plates*. We have seen no such copy. – The contents and the dates were established by H. P. Fuchs (1962), who added (1963) further nomenclatural details, e.g. on the legitimate name *Impatiens capensis* Meerburgh.

fasc.	pages	plates	dates	fasc.	pages	plates	dates
1	[8]	1-10	10 Nov 1775	4	[4]	31-40	31 Dec 1777
2	[4]	11-20	14 Jun 1776	5	[4]	41-50	25 Dec 1780
3	[4]	21-30	26 Mai 1777				

The coloured plates were drawn and engraved by Meerburgh himself. The Plesch copy has *55 pl.* (see Sotheby), see below: *Pl. rar. depict.*

5785. *Plantae rariores vivis coloribus depictae* . . . Lugduni Batavorum [Leiden] (apud Jacobum Meerburg) 1789. Fol. (*Pl. rar. depict.*).
Publ.: 1789, probably late. A reprint of the *Afb. zeldz. gew.* with *55 pl.* and 4 extra pages of text, p. [1-27], *pl. 1-55*. *Copies*: BR, G, HU, MO, NY, U, USDA: IDC 6062. The plates are etchings, coloured by hand. "Clumsy unconvincing etching; colouring thin and poor" (DU).

5786. *Plantae selectarum icones pictae* . . . Lugduni Batavorum [Leiden] (apud J. Meerburg) 1798. Fol. (*Pl. select. icon. pict.*).
Publ.: 1798 – 12 unnumbered pages and 28 coloured plates (*1-28*, no. 19 as "29"), drawn and engraved by Meerburgh himself. – The book was reviewed in J. Bot. Schrader 2(1): 152. 1799 (sem. 2). *Copies*: BR, G, MO, NY, USDA; IDC 6063. – The plates are crude etchings, coloured by hand.
Ref.: Schrader, H. J., Bot. 2(1): 152. 1799 (sem. 2).

Meese, David (1723-1770), Dutch gardener at Franeker. (*Meese*).

HERBARIUM and TYPES: In the former Franeker herbarium which is now at GRO.

BIBLIOGRAPHY and BIOGRAPHY: Aa 12(1): 521; Barnhart 2: 470 (b. 25 Dec 1723); BM 3: 1279; De Toni 1: lxxxiii; Dryander 5: 351; . Herder p. 253, 304; IH 2: 521; JW 1: 446, 2: 197 (d. 23 Aug 1770), 3: 362; LS 17653; Moebius p. 119, 293; NNBM 10: 601; Oudemans p. 236; PR 6048-6050 (ed. 1: 6737-6739); Rehder 5: 562; SO 303, 638b; TL-1/825-826; Tucker 1: 477.
Andreas, C. H., In en om een botanische tuin, Hortus Groningianus 1626-1966, p. 102, 1976.
Forbes, R. J., ed., Martinus van Marum 3: 259. 1971.
Hornschuch, C. F., Flora 8: 215, 229-230. 1825 (on his moss experiments).
Hulth, J. M. & A. H. Uggla, Bref Skrifv. Linné 2(2): 210, 211, 213. 1943.
Mulder, N., Oratio de meritis Davidis Meese, cum botanicis, tum aliis; publice habita ad diem 1 Octobris mdcccxxii, Groningen 1822, 30 p.

EPONYMY: *Meesia* J. Gaertner (1788, *nom. rej.*); *Meesia* J. Hedwig (1801, *nom. cons.*).

5787. *Flora frisica* of lyst der planten welke in de provintie Friesland in het wilde gevonden worden. Waarby gevoegt is een korte beschrijvinge van booven-genoemde landschap. Door David Meese, hovenier in de kruid-tuin aan Frieslands Hooge-Schole te Franeker. Franeker (gedrukt by Jacob Brouwer . . .) 1760. Oct. (*Fl. fris*).
Publ.: Aug-Oct 1760 (p. viii: 9 Feb 1758; Ned. Letter-Courant 24 Oct 1760; Linnaeus had a copy by late Feb 1761 fide letter to J. Burman), p. [i-xii], [1]-87, [88, err.], *pl. 1-2*. *Copies*: G, KNAW, L, NY. – Plates uncol. copp. engr.
Facsimile ed.: 1978, Leiden (Boerhaave Press), ISBN 90-70153-09-2. *Copies*: FAS(2).
Ref.: Jansen en Wachter, Ned. kruidk. Arch. 49: 254-257. 1939 (on Meese's bryophytes).

5788. *Het xix classe van de Genera Plantarum* van de Heer Carolus Linnaeus, Syngenesia genaamt. Opgeheldert en vermeerdert. Mitsgaders een bericht van een nieuw-botanisch stuk, aangaande het leeren kennen der planten kort na hunne geboorte of uitspruiting uyt hun zaad. Als meede de beschrijving en afbeelding van een zeldzame en zonderlinge zee-plant . . . te Leeuwarden (by H. A. de Chalmot) 1761. Oct. (*XIX cl. Gen. Pl.*).
Publ.: 1761 (p. [vi*]: 16 Jan 1761), p. [i*-vi*], [i]-iv, [1]-152. [1-6, index, err.], *pl. 1-7*, [*8*] (uncol. copp.). *Copies*: G, L, USDA.

5789. *Plantarum rudimenta*, sive illarum methodus. Ducta ex differentia earum seminum, cotyledonum, aliarumque partium, quae brevi tempore post earum propullulationem, ac ulterius incrementum, in iis conspiciuntur; quorum omnium utilatem praefatio satis superque lectorem docebit. Investigata, effecta ac composita a Davide Meese ... Leovardiae [Leeuwarden] (Excudit Guilielmus Coulon, ...) 1763. Qu. †. (*Pl. rudim.*).
Pars I: 1763 (preface 1 Mar 1762), p. [i-lv], [1]-23, [24, index], *pl. 1-2* (coll. copp.), [i-vii, err., ind.].
Pars II: 1763, p. 25-81, *pl. 3-7*, 82 [1-10, index, err.].
Copies: B-S, USDA. – Dutch title: *Eerste beginselen der planten*, of leerwijze der zelve ... " – The remaining manuscript is in the Leiden University Library.

Méhu, Marie Antoine Adolphe (1840-1881), French botanist; Dr. pharm. Montpellier 1867, from 1867-1881 pharmacist at Villefranche-sur-Saône, Rhône, from 1871 also professor of botany at the École normale. (*Méhu*).

HERBARIUM and TYPES: For a description of M's herbarium and library, then still at his home, see Chaboisseau (1876).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 471; BL 2: 115; CSP 8: 372; Jackson p. 284; PR 6054; Rehder 5: 562; Tucker 1: 477.
Anon., Ann. Soc. bot. Lyon 9(2): xviii. 1882 (d.); Bull. Soc. bot. France 28: 246, (Bibl.) 140. 1881; Feuille jeunes Natural. 12: 24. 1882 (d.).
Audin, M. & T. Chaboisseau, Adolphe Méhu s.l. 1904, 23 p. (reprinted from Bull. Soc. Sci. Arts Beaujolais Avril-Juin 1904) (biogr., bibl., portr., b. 27 Sep 1840, d. 9 Oct 1881).
Chaboisseau, abbé, Bull. Soc. bot. France 23: cxcvi-cxcix. 1876 (herb., libr.); 29: 73-76. 1882.
Flahault, C., Univ. Montpellier, Inst. Bot. 36. 1890 (brief note).
Magnin, A., Bull. Soc. bot. Lyon 32: 59. 1907 (b. 27 Sep 1840, d. 9 Oct 1881), 35: 50. 1910.

5790. *Herborisations dans les montagnes d'Hauteville*, du Colombier du Bugey et du Pilat ... Lyon (Association typographique ...) 1876. Oct.
Co-authors: (p. 31-36) Louis Antoine Cusin (1824-1901) (p. 17-30) Jean-Baptiste Saint-Lager (1825-1912).
Publ.: Jun 1876 (BSbF 14 Jul 1876), p. [1]-16, [17]-39. *Copy*: G. – Reprinted and to be cited from Ann. Soc. bot. Lyon 3(2): 116-127. 1876.
Ref.: Anon., Bull. Soc. bot. France 23(C.R.): 239, (Bibl.): 68-69 (sess. extr. juin-juillet): civ (distribué d'avance). 1873.

Meigen, Johann Wilhelm (1764-1845), German dipterologist and botanist; private teacher at Aachen 1784-1786, organist and teacher at Solingen 1786-1792, again at Aachen 1792-1796; teacher (French, geography, history, music) at a private school at Stolberg nr Aachen 1796-1810; secretary of the Stolberg chamber of commerce during the French occupation; variously employed, e.g. drawing geographical maps 1812-1825, finally organist of the Stolberg protestant church. (*Meigen*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 471 (b. 3 Mai 1764, d. 11 Jul 1845); BM 3: 1280; CSP 4: 322; Herder p. 186; PR 6057-6059 (ed. 1: 6745-6747); Rehder 5: 562; SO add. 828d.
Anon., Bot. Not. 1845: 220; Bot. Zeit. 3: 624. 1845; Flora 28: 544. 1845 (d. 11 Jul 1845).
Boventer, K., Südhoffs Arch. Gesch. Med. 44: 45-53. 1960 (biogr., b. 3 Mai 1764, d. 11 Jul 1845, portr., bibl. [1798 item erroneous]).
Förster, J. A., Entom. Zeit., Stettin 7(3): 66-74, 7(5):130-141. 1846 (obit. "Unstreitig der älteste Veteran in der Entomologie"), English translation (p.p.) in Mosquito systematics 6: 79-87. 1974.
Gilbert, P., Comp. biogr. lit. deceased entom. 251. 1977.
Howard, L. O., Smithson. misc. Coll. 84: 202, 203-204. 1930.
Marquardt, M., Ann. Soc. entom. ser. 2. 5: 323-334, lxxvi-lxxvii. 1847 (obit.); English translation (p.p.) *in* Mosquito systematics 6: 87-88. 1974.

Morge, G., Beitr. Entom. 24 (Sonderheft): 93-160. 1974 (autobiography, commentary, portr., publ. of entom. plates).
Pritzel, G. A., Linnaea 19: 457. 1846.
Speiser, P., Entom. Rundschau 31: 52-53. 1914.
Weidner, H., Gesch. Entom. Hamburg 102-107. 1967 (Abh. Verh. nat. Ver. Hamburg 9, suppl.).

HANDWRITING: Beitr. Entom. 24 (Sonderheft): 157-161. 1974.

5791. *Systematisches Verzeichniss der an den Ufern des Rheins*, der Roer, der Maas, der Ourte, und in den angränzenden Gegenden wild *wachsenden* und gebaut werdenden phanerogamischen *Pflanzen*. In Beziehung auf die von den Herausgebern gelieferten und noch zu liefernden Herbarien . . . Köln (gedruckt und verlegt von H. Rommerskirchen) 1819. Qu. (*Syst. Verz. Ufern Rheins Pfl.*).
Co-author: H. L. Weniger (*fl.* 1819).
Publ.: Nov 1819 (p. viii: Jul 1819; Flora 28 Nov 1819 "nunmehr erschienen."), p. [i]-viii, [1]-108. *Copies*: B-S, BR. – We have found no record of the five centuries of phanerogams issued by the authors as mentioned in the text.

5792. *Versuch einer Flora der Ufer des Niederrheins*, der Roër, der Maas, der Ourte, und den angränzenden Gegenden. Enthaltend die Charakteristik der Klassen, Ordnungen und Arten der Pflanzen, nach Linné's Systeme, so wie den medizinischen, chemischen, technologischen und ökonomischen Nutzen derselben. Für Naturfreunde, Apotheker und Gärtner. Nach Anleitung von J. W. Meigen's und H. L. Weniger's systematischem Verzeichnisse. Nebst alphabetisch geordneten Registern, einem Lateinischen und Deutschen. Cöln [Köln] (Verlag von Rommerskirchen's Buchhandlung) 1823. 18-mo. (*Vers. Fl. Ufer Niederrheins*).
Co-author: H. L. Weniger.
Publ.: 1823 (p. xxxii: 1 Mar 1823), p. [i]-xxxii, [1]-518. *Copies*: B-S, BR.
Ref.: Anon., Flora 7: 92-93. 14 Feb 1824 (rev.).

5793. *Deutschlands Flora*, oder systematische Beschreibung der in Deutschland wildwachsenden und im Freien angebaut werdenden Pflanzen . . . Essen (bei G. D. Bädeker) 1836-1842. Oct. (*Deutschl. Fl.*).
Publ.: In three volumes, each of which came out in three Hefte. *Copies*: B, G(orig. covers), NY, USDA. – Plate *49* often bound with vol. 1.
1(1): 1836 (t.p. cover; p. vii: Aug 1836; Flora 14 Jul 1836), p. [i]-xx, [1]-140, *pl. 1-16* (uncol.).
(2): 1836 (Flora 14 Jul 1836), p. 141-300, *pl. 17-32*.
(3): 1836 (Flora rd 14 Dec 1836), p. 301-478, *pl. 33-48*, [1-2, err.].
2(1): 1837 (t.p.; p. vi: 25 Dec 1836), p. [1]-156, [iii]-vi, *pl. 49-64*.
(2): 1837, p. 157-316, *pl. 65-84*.
(3): 1838 (t.p. 1837; Flora 28 Sep 1838), p. 317-500, *pl. 85-97*.
3(1-3): 1842 (p. 620: 25 Jun 1842), p. [1]-620, [1, err.], *pl. 98-144* (no orig. covers seen).

Meigen, Wilhelm (1826/7-x), German high school teacher and botanist at Wesel. (*W. Meigen*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1280; BJI 1: 40, 2: 114; Kew 3: 642; Rehder 5: 562; Tucker 1: 477.

5794. *Die deutschen Pflanzennamen* . . . Berlin (Verlag des Allgemeinen Deutschen Sprachvereins (S. Berggold) 1898. Oct. (*Deut. Pfl.-Nam.*).
Publ.: Nov. 1898 (p. vi: Apr 1898; ÖbZ Nov 1898; Bot. Centralbl. Nov 1898; Nat. Nov. Nov 1898, Flora 20 Mai 1899, Bot. Zeit. 16 Dec 1898), p. [i]-viii, [1[-120. *Copies*: B, MICH, UC.
Preliminary publ.: 1882, *in* Festschrift zur Feier der Einweihung des neuen Gymnasialgebäudes zu Wesel, Wesel 1882 (n.v.; Nat. Nov. Feb(2) 1883; Bot. Zeit. 23 Feb 1883).

Ref.: Höck, F., Bot. Jahrb. 26(Lit.): 65-66. 18 Apr 1899 (rev.).
Kneucker, A., Allg. Bot. Zeit. 7: 15. 1901 (rev.).
Roth, E., Bot. Centralbl., Beih. 9(1): 1-4. 1899.

5795. *Flora von Wesel.* Zusammenstellung der in der nächsten Umgebung von Wesel vorkommenden Pflanzen (Phanerogamen und Gefässkryptogamen) ... Beilage zum Jahresbericht des Gymnasiums zu Wesel Ostern 1886, Nro. 425. Wesel (Buchdruckerei von Karl Kühler). Oct (*Fl. Wesel*).
Publ.: Aug 1886 (Bot. Centralbl. 6-10 Sep 1886; Nat. Nov. Sep(2) 1886; Bot. Zeit. 25 Feb 1886; J. Bot. Aug 1886, p. [i]-viii, 1-44. *Copy*: E. – Cover of original program (at MO): "Gymnasium und Realprogymnasium zu Wesel. Jahresbericht über das Schuljahr 1885-1886. Hierzu als wissenschaftliche Beilage: *Die Flora von Wesel* vom Professor Dr. Meigen".

Meijer, Frans Nicholaas (after 1908 Frank Nicholas Meyer) (1875-1918), Dutch botanist, gardener and botanical explorer; with Hugo de Vries before 1900; travelled through the United States and Mexico 1901-1904; at the Missouri Botanical Garden 1904-1905; with USDA as plant collector at the initiative of David Fairchild in 1905-1908, 1909-1912, 1913-1915 and 1916-1918; naturalised U.S. citizen 1908; drowned (murdered?) in the Yang-tsze-kiang. (*F. N. Meyer*).

HERBARIUM and TYPES: A; for duplicates see IH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 483; IH 2: 533; JW 3: 363, 4: 398, 5: 246-247, MW p. 320.
Coats, A. M., Plant hunters 129, 137-139. 1969.
Eeden, F. van, De Levende Natuur 5: 231. 1901.
Harkness, B., Plants & Gardens ser. 2. 23(3): 64-67. 1967(portr.).
Laren, A. J. van, Onze Tuinen 3(45): 706-707. 1909, 3(46): 721-723. 1909.
Uildriks, F. J. van, De aarde en haar volken 1929: 1-24, 41-96, 145-171 (general biography, descr. of travels, portr., b. 29 Nov 1875, d. 2 Jun 1918).
Smith, E. F., Science ser. 2. 48: 335-336. 1918.
Veendorp, Weekbl. Maatsch. Tuinb. Plantk. 12(12): 91. 1938.

HANDWRITING: Cornelis, H. W., Handschrift en karakter ed. 2, 1925, p. 40-41.

5796. *Chinese plant names* ... New York, N. Y. (Chinese & Japanese Publishing Company) [1911]. (*Chin. pl. names*).
Publ.: 1911, p. [i-vii], 1-40. *Copies*: MO, US.

Meinecke, Emilio Pepe Michael (1869-1957), California-born American botanist and phytopathologist of German descent; Ph. D. Heidelberg 1893; until 1907 at Heidelberg, Copenhagen and München; from 1907-1909 at La Plata, Argentina; U.S. Forest Service pathologist in California 1910-1928; id. in National Park Service 1928-1939. (*E. Meinecke*).

HERBARIUM and TYPES: Some material at NY and CAS.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 471; BM 7: 821; Bossert p. 263; CSP 17: 138; Herder p. 148; Hirsch p. 194; IH 2: 522; LS suppl. 18048-18059; NAF 7: 1078; Stevenson p. 1251; Tucker 1: 777.
Anon., Österr. bot. Z. 68: 292. 1919 (reported to have died), 69: 88. 1920 (still alive).
Ewan, J. et al., Leafl. W. Bot. 7(3): 94. 1953.
Rodgers, A. D., Bernard Eduard Fernow 123, 349, 534, 1951.
Wagener, W. W. et al., Phytopathology 47: 633-634. 1957 (portr., b. 26 Jul 1869, d. 10 Feb 1957).

5797. *Forest tree diseases* common in California and Nevada. A manual for field use ... Washington (Government Printing Office) 1914. Oct. (*Forest tree diseases*).
Publ.: 14 Feb 1914, p. [1]-67, *pl. 1-24. Copies*: NY, USDA.

Meinecke, Johann Ludwig Georg (1721-1823), German physicist and biologist; high school teacher at Halle 1805-1811; idem at Kassel 1811-1814; professor of technology at Halle 1814-1823 (*Meinecke*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1280-1281; CSP 4: 324-325, 8: 373; Kew 3: 644; PR 6061-6062, (ed. 1: 6750-6751); Rehder 5: 562; SO 439f; TL-2/1: 2000.
Poggendorff, J. C., Biogr.-lit. Handw.-Buch 2: 103-104. 1858 (b. 3 Jan 1781, d. 27 Aug 1823 by suicide).

COMPOSITE WORKS: See TL-2/1: 2000, E. F. Germar, for Meinecke's *Lehrbuch der Mineralogie.* Meinecke's Lehrbuch der Mineralogie, Halle 1808, counted for Germar as the first edition of his Lehrbuch. (see also BM 3:1280).

EPONYMY: The derivation of *Meineckia* Baillon (1858) is not given by Baillon.

5797a. *Über das Zahlenverhältniss in den Fructifications-Organen der Pflanzen,* und Beyträge zur Pflanzen-Physiologie ... Halle (J. C. Hendels Verlag) 1809, 2 Hefte. Oct. (*Zahlenverh. Fruct.-Org. Pfl.*).
1: 1809, p. [i-v], [1]-18.
2: 1809, p. [19]-50.
Copy: PH. – Published in Neue Schr. naturf. Ges. Halle 1(1,2). 1809.

Meins, Claus (1806-1873), German theologist and botanist; high school teacher at the Glückstadt gymnasium 1848-1865; from 1865 clergyman at St. Margarethen. (*Meins*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 471 (b. 29 Sep 1806, d. 25 Dec 1873); PR 6063; Rehder 1: 385; Tucker 1: 477.
Christiansen, W. & W., Bot. Schrifttum Schlesw.-Holst. 317. 1936.
Fischer-Benzon, R. J. D. v., *in* Prahl, P., Krit. Fl. Schlesw.-Holst. 2: 36. 1890 (b. 29 Sep 1806, d. 25 Dec 1873).

5798. Zu der öffentlichen Classenprüfung den 4.5.7.8. April, so wie zu der Entlassungsfeier ... 11 April Nachmittags 3 Uhr, ladet ... ein Prof. Dr. P. H. Jessen, Rector. Voran: *Die Flora der Umgegend von Glückstadt* in Beziehung auf den Unterricht in der Botanik, vom Collaborator Meins, Glückstadt (Gedruckt bei W. Augustin) 1862. Qu. (*Fl. Glückstadt*). *Publ.*: Mar or early Apr 1862, p. [i], [1]-18 [*Flora*], 19-25 [Rector]. *Copies*: B-S, MO, NY.

Meinshausen, Karl [Friedrich] (1819-1899), Riga (Livonia)-born Baltic-German/Russian botanist at St. Petersburg; travelling for the botanical garden 1839-1844, curator of the garden herbarium until 1851; from 1851-1896 curator at the botanical museum of the Academy of Sciences (*Meinsh.*).

HERBARIUM and TYPES: LE. His exsiccatae, *Herbarium florae Ingricae,* at CGE, H, LE, MANCH, MW, OXF, W.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 250; Barnhart 2: 471; BJI 2: 114; BM 3: 1281, 7: 821; Clokie p. 209; CSP 4: 325, 8: 374, 17: 139; DTS 1: xxi, 188, 6(4): 170; Herder p. 465 [index]; IH 2: 522; Jackson p. 579 [index]; Kew 3: 644; Langman p. 496; Morren ed. 10, p. 95; MW p. 315; PR 6064; Rehder 5: 562-563; TR 869-874; Tucker 1: 477; Zander ed. 10, p. 691, ed. 11 p. 788.
Anon., Bot. Centralbl. 81: 288. 1900 (d.); Bot. Not. 1900: 47 (d); Nat. 22: 176. 1900.
Beck, G. v., Bot. Centralbl. 34: 150. 1888 (876 specim. fl. ingr. at W).
Borodin, J., Trav. Mus. bot. Acad. Sci. St. Petersb. 4: 75-76. 1908.
Candolle, A. P. de, Phytographie 432. 1880 ("Meinhausen", pl. at LE).
Herder, F. v., Bot. Centralbl. 55: 258 (Herb. fl. ingr. at LE), 259, 261, 266 (All-Russian herb. also at LE), 296. 1893, 58: 386, 390. 1894; Bot. Jahrb. 9: 441. 1888.

Hooker, J. D., *in* W. J. Hooker, Lond. J. Bot. 5: 533. 1846.
Klinge, J., Acta Horti Petrop. 18(2,2): 199-208. 1900 (bibl., b. 2/14 Mai 1819 at Riga; d. 20 Nov/2 Dec 1899).
Kneucker, A., Allg. bot. Z. 5: 204. 1899 (d. 2 Dec 1899).
Lindemann, E. v., Bull. Soc. imp. Natural. Moscou 61: 46. 1886. 1975.
Lipschitz, S., Florae URRS fontes nos. 693-696, 1754, 1769. 1975.
Shetler, S. G., Komarov Bot. Inst. 46, 49. 1967.

HANDWRITING: S. Lipschitz & I. T. Vasilczenko, Herb. centr. USSR 114. 1968.

5799. *Synopsis plantarum diaphoricarum florae ingricae,* oder Notizen-Sammlung über die mannigfaltige Verwendung der Gewächse Ingriens (Gouvern. St. Petersburg) ... St. Petersburg (Buchdruckerei von Röttger & Schneider, ...) 1869. Qu. (*Syn. pl. diaph. ingr.*).
Publ.: 1869 (t.p.; p. 4: Dec. 1868; Flora 20 Mai 1870; Bot. Zeit. 14 Oct 1870), p. [1]-94, [i]-viii. *Copy*: NY.

5800. *Flora ingrica* oder Aufzählung und Beschreibung der Blüthenpflanzen und Gefäss-Cryptogamen des Gouvernements St. Petersburg ... St. Petersburg (zu haben bei Deubner, bei N. Fenoult & Co. und beim Verfasser) 1878. Oct. (*Fl. ingr.*).
Publ.: 16 Oct-14 Nov 1878 (p. vi: 16 Oct 1878; Bot. Centralbl. 15-19 Nov 1880; Nat. Nov. Mar(2) 1879; J. Bot. Apr 1879), p. [i]-xxxviii, [1, err.], [1]-512. *Copies*: G, NY, US, USDA. – The Flora ingrica deals with the flora of Ingermanland, the former province of St. Petersburg (Leningrad).

5801. *Die Cyperaceen der Flora Russlands* insbesondere nach den Herbarien der Akademie der Wissenschaften ... [St. Petersburg (Tipo-Lithographia ...) 1901]. Oct.
Editors: Johannes Christoph Klinge (1851-1902); Vladimir Leontjevic Komarov (1869-1945).
Publ.: Jan-Jul 1901 (p. 228: Sep 1900; Nat. Nov. Aug(1) 1901), p. [i-iv], [1]-195. *Copies*: B, BR, MO, NY. – Reprinted and to be cited from Acta Horti Petrop. 18: 221-415. 1901 (for 1900). – The reprint at B is the only one seen with a St. Petersburg ... 1901 imprint.
Ref.: Diels, L., Bot. Jahrb. 32(Lit.): 29. 1903.

Meisel, Max (1892-1969), American bibliographer and historian of natural history; B.Sc. New York 1914, librarian at New York public library 1916-1917; at Battle Creek, Mich. 1917-1918, at Brooklyn 1918-? (*Meisel*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 472; BL 1: 159, 308; BM 7: 821.
Allen, E. G., Trans. Amer. philos. Soc. ser. 2. 41(3): 387-591. 1951 (Hist. Amer. ornithol. before Audubon; Max Meisel's copy (libr. FAS) has annotations made for a suppl. of his Bibl. Amer. nat. hist.).
Anon., Miami Herald 22 Jun 1969 (d. 21[?] Jun 1969) (inf. J. Ewan).

5802. *A bibliography of American natural history* the pioneer century, 1769-1865 the rôle played by scientific societies, scientific journals, natural history museums and botanic gardens; State Geological and natural history surveys, federal exploring expeditions in the rise and progress of American botany, geology, mineralogy, paleontology and zoology ... New York (The Premier Publishing Co. ...) 1924-1929, 3 vols. (*Bibl. Amer. nat. hist.*).
1: Nov 1924 (Copy sent to Barnhart by author on 18 Nov 1924; Torreya 19 Aug 1925), p. [1]-224.
2: 1926, p. [i]-xii, [1]-741.
3: 1929, p. [i]-xii, [1]-749.
Copy: FAS (Barnhart's copy).
Facsimile ed.: New York and London (Hafner Publishing Company) 1967, 3 vols. *Copy*: FAS. – See Taxon 16: 548. 1967.
The most important bibliographical treatment of American natural history 1769—1865. Essential source for biographies, bibliographies, societies, expeditions, sources and dates.

Ref.: Barnhart, J. H., Torreya 25: 83-85. 1925.

Meisner, Carl Friedrich (1800-1874), Swiss botanist; Dr. med. Goettingen 1824; at Genève with A. P. de Candolle 1825-1828; professor of physiology Basel 1828-1836, professor of botany 1836-1867. (*Meisn.*).

HERBARIUM and TYPES: Meisner's herbarium was bought by John J. Crooke and presented to Columbia University; it is now at NY. It contains part of his types, but since he worked extensively with other material, Meisner types may be encountered also at e.g. B., BM, DBN, G, K, LINN. Letters at G and U.

Ref.: Trimen, H., J. Bot. 11: 32. 1873 (herb. purchased for Columbia College, New York).
Anon., Bull. Torrey bot. Club 6: 128. 1876 (J. J. Crooke purchased the herbarium for Columbia); see also Torreya 27: 75-76. 1927.
Barneby, R. C., Garden J. 13: 129-140, 142. 1963.

NOTE ON NAME. – Meisner signed his earlier letters, at least until 13 Apr 1845 (letters to Miquel at ULU), Meisner. In later years (at any rate after 1861) he signed Meissner, (see TL ed. 1, sub no. 827; see also Nevling, Ann. Missouri Bot. Garden 46: 269-270. 1959 for a different conclusion).

BIBLIOGRAPHY and BIOGRAPHY: ADB 21: 246-248; Barnhart 2: 472; BM 3: 1281; Bossert p. 263; CSP 4: 325-326; 6: 725, 8: 375, 10: 767-768, 12: 497; Frank 3(Anh.): 63; GR cat. p. 68; Herder p. 465 [index]; Hortus 3: 1199 ("Meisn."); IH 1(ed. 6): 361, 2: 522-523; Jackson p. 116, 495; Kew 3: 644-645; Langman p. 496; Lasègue 526; Lenley p. 464; Maiwald p. 58, 113; MW p. 315; NAF ser. 2. 7: 42; PR 6065-6067 (ed. 1: 6753-6754); Rehder 5: 563; RS p. 18; SBC p. 127 ("Meisn."); TL-1/827; TL-2/1:999, 1004, 1676, 2025, 4332; Tucker 1: 477; Zander ed. 10, p. 691, ed. 11. p. 788.
Allan, M., The Hookers of Kew 213. 1967.
Anon., Bonplandia 3: 32. 1855 (Leopoldina, cogn. J. J. Römer), 5: 48. 1857 (elected Foreign Member Linn. Soc. London), 6: 48. 1858; Bot. Not. 1875 (15 Feb): 30. (d.); Bot. Zeit. 32: 672. 1874 (catalogue of his library); Bull. Soc. bot. France 21 (bibl.): 44. 1874; J. Bot. 12: 191-192. 1874; J. New York Bot. Gard. 1: 12, 36. 1900 (herb. to NY); Österr. bot. Z. 17: 162. 1867 (retired because of ill-health).
Barneby R. C., Garden J. 13(5): 182-183. 1963 (on herb.).
Briquet, J., Ber. schweiz. bot. Ges. 50a: 311-315. 1940 (bibl., biogr., epon., b. 1 Nov 1800, d. 2 Mai 1874; son of Carl Friedrich August Meisner, 1765-1825, ornithologist).
Candolle, Alph. de, Bull. Soc. bot. France 21: 279-283. 1874 (bibl.); Phytographie 432. 1880 (coll.).
Candolle, A. P. de, Mém. souv. 332, 392, 476, 586. 1862.
Carus, C. G. & C. F. P. von Martius, Eine Altersfreundschaft in Briefen 39, 41, 61, 121, 137, 147. s.d.
Gray, A., Bull. Torrey bot. Club 6: 25-26. 1874.
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 109. 1970 (pl. E).
Huxley, L., Life letters J. D. Hooker 2: 278, 415. 1912.
Jessen, K. F. W., Bot. Gegenw. Vorz. 422, 429, 1864.
Stafleu, F. A., Wentia 16: 27. 1966; The great Prodromus 28. 1966; Regn. Veg. 71: 319, 339. 1970.
Stearn, W. T., Taxon 6: 158; J. Soc. Bibl. nat. Hist. 4: 291-297. 1967 (dates *Pl. vasc. gen.*).
Steenis-Kruseman, M. J. van, Fl. males. Bull. 14: 643. 1959, 15: 739. 1960.
Trimen, H., J. Bot. 12: 191-192. 1874.
Urban, I., Fl. bras. 1(1): 186-187. 1906 (biogr., bibl.).
Voigt, A., Bot. Inst. Hamburg 25. 1897.
Wittrock, V. B., Acta Horti Berg. 3(3): 164, *pl. 133*. 1905 (portr.; err. d. 2 Mai 1875).
Woolson, G. C., Bull. Torrey bot. Club 5: 25-26. 1874.

COMPOSITE WORKS: (1) Martius, *Fl. bras.*
(a) *Polygonaceae*, 5(1): 1-60, *pl. 1-27* (fasc. 14): 1 Jan 1855.
(b) *Thymelaeaceae*, 5(1): 61-72, *pl. 28-30* (fasc. 14): 1 Jan 1855.
(c) *Proteaceae*, 5(1): 73-100, *pl. 31-36* (fasc. 14): 1 Jan 1855.
(d) *Ericaceae*, 7: 119-174, *pl. 48-66* (fasc. 35): 10 Jul 1863.

(e) *Lauraceae* et *Hernandiaceae*, 5(2): 137-302, 309-310, *pl. 45-107* (fasc. 41): 15 Mai 1866.
(f) *Convolvulaceae*, 7: 199-362, *pl. 72-124* (fasc. 48): 1 Aug 1869 and 7: 363-370 (fasc. 52): 1 Mar 1871.
(2) DC., *Prodr.*:
(a) *Hernandiaceae*, 15(1): 261-265. early Mai 1864.
(b) *Lauraceae*, 15(1): 1-260, 503-516, early Mai 1864.
(c) *Polygonaceae*, 14: 1-185 [see also 693-695], med. Oct 1856.
(d) *Proteaceae*, 14: 209-482 [see also 698-700], med. Oct 1856.
(e) *Thymelaeaceae*, 14: 493-605, 700. late Nov 1857.
(3) Warming, E., *Symb. fl. bras.*
(a) *Polygonaceae*, 6: 125-129. Aug 1870.
(b) *Lauraceae*, 6: 129-146. Aug 1870.
(c) *Ericaceae*, 11: 85-87. 24 Apr 1873.
(d) *Convolvulaceae* (co-author), 9: 316-318. 10 Apr 1871, 28: 271-276. 10 Mai 1883.
(4) A. P. de Candolle. *Organographie der Gewächse*, 1828, translated by M.
(5) J. G. C. Lehmann, *Plantae Preissianae*, several treatments, see TL-2/2: 4332 (Legum 1: 3-95, Proteac. 1: 491-601, Thymel. 1: 601-607, Polygon. 1: 623-624).

HANDWRITING and TYPES: Candollea 32: 167-168. 1977.

EPONYMY: *Meisneria* A. P. de Candolle (1828). *Note*: *Meissneria* Fée (1837) is dedicated to W. Meissner (x- ± 1855), from Halle (Germany) about whom we have no further particulars (see IH 2: 523).

5803. *Observations sur le genre des Renouées* (Polygonum Linné), par C. F. Meisner ... [Genève 1826]. Oct. (*Observ. Renouées*).
Publ.: Oct 1826, p. [1]-12. *Copy*: G. – Reprinted from Bibl. Univ. Genève 23: 139-150. Oct. 1826.

5804. *Monographiae generis Polygoni prodromus*. Auctore Carolo Friderico Meisner ... Genevae (Sumtibus auctoris. Typis A. Lador) 1826. Qu. (*Monogr. Polyg.*).
Publ.: Oct-Dec 1826 (p. iv: 1 Oct 1826), p. [i*-iii*], [i]-iv, [1]-117, *pl. 1-8*. *Copies*: FI, G(2), L, M, NY, U(2), US, USDA; IDC 5569.
Ref.: Anon., Linnaea 2(3): 453-475. Aug-Oct 1827 (rev.).

5805. *Plantarum vascularium genera* secundum ordines naturales digesta eorumque differentiae et affinitates tabulis diagnosticis expositae auctore Carolo Friderico Meisner ... Lipsiae [Leipzig] (Libraria Weidmannia) 1836-1843, 2 parts. Fol. (*Pl. vasc. gen.*).
Pars prior: 1837-1843, p. [i*-iii*], [i]-iii, [iv], [1]-442.
Pars altera: 1837-1844, p. [i], [1]-401, [402, err.].
Copies: G, MO, NY, U, USDA; IDC 5015. – Published in 14 parts as follows (for details on sources dates see TL-1).

fasc.	tab. diagn.	comm.	dates (Hinrichs)
1	i-vi, 1-32	1-24	26 Mar-1 Apr 1837
2	33-68	25-48	21-27 Mai 1837
3	69-104	49-72	27 Aug-3 Sep 1837
4	105-136	73-100	8-14 Apr 1838
5	137-176	101-120	16-22 Sep 1838
6	177-220	121-136	3-9 Mar 1839
7	221-256	137-160	18-24 Aug 1839
8	257-284	161-192	5-11 Apr 1840
9	285-312	193-224	25-31 Oct 1840
10	313-344	225-252	18-24 Jul 1841
11	345-376	253-280	13-15 Feb 1842
12	377-408	281-308	17-20 Aug 1842
13	409-436	309-340	22-25 Feb 1843
14	437-442	341-402	2-4 Nov 1843

2 Volumes, the first often referred to as ',Tab. Diagn.", the second as ',Commentarius".

Facsimile ed.: announced, but not yet published, by Asher (1974).

5806. *Ueber die Ostindischen Thymeläen* von Prof. Dr. C. F. Meisner in Basel [Regensburg 1841]. Qu. (*Ostind. Thymel.*).
Publ.: 1841 (p. 24: Jan 1841), p. [1]-24, *pl. 6-7* (uncol. liths. auct.). *Copies*: FI, G. – Denkschr. Regensb. bot. Ges. 3: 270-294. 1840 (1841).

5807. Enumeratio plantarum quas in Australasia annis 1838-1841 collegit L. Preiss. *Leguminosae* auctore C. F. Meisner. [Hamburgi (sumptibus Meissneri) 1844]. Oct.
Publ.: 19-21 Sep 1844, p. [1]-95. *Copy*: G. – Reprinted (with special cover) and to be cited from J. G. C. Lehmann. *Plantae Preissianae* 1: 3-95. 1844.

5808. *Ueber die geografischen Verhältnisse der Lorbeergewächse* von C. F. Meissner . . . München (Verlag der K. Akademie, . . . Druck von F. Straub . . .) 1866. Qu. (*Geogr. Verh. Lorbeergew.*).
Publ.: 1866, p. [1]-34. *Copy*: G. – Preprinted from Abh. k. bayer. Akad. Wiss. IIcl. 10(1): 169-200. 1870.

Meister, Friedrich (fl. 1893-1919), Swiss diatomologist; high school teacher at Horgen nr. Zürich. (*F. Meister*).

HERBARIUM and TYPES: ZT; other material at BRM, PH and S-PA.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 472; BJI 2: 114; BM 7: 821; DTS 6(4): 170; IH 1(ed. 6): 361, 2: 523; Kew 3: 645; MW p. 315, suppl. 225.
Anon., Hedwigia 75(Beibl. 2): (168). 1936 (Dr. h.c. E.T.H.).
Fryxell, G. A., Beih. Nov. Hedw. 35: 362. 1975.
Koster, J. Th., Taxon 18: 555. 1969.
VanLandingham, S. L., Cat. Diat. 6: 3567. 1978, 7: 4203. 1978 (bibl.).
Wornardt, W. W., Int. direct. diat. 35. 1968.

5809. *Die Kieselalgen der Schweiz* . . . Bern (Druck und Verlag von K. J. Wyss) 1912. Oct. (*Kieselalg. Schweiz*).
Publ.: Mai 1912 (p. 8: 15 Apr 1911; ÖbZ 1 Jul 1912 : publ. Mai; Nat. Nov. Aug(1) 1912), p. [ii]-vi, [1]-254 [1, err.], *pl. 1-48* (uncol. liths. with text). *Copies*: BR, FH, M, US. – Beiträge zur Kryptogamenflora der Schweiz, Band 4, Heft 1.
Ref.: West, J. Bot. 50: 291-293. 1912.
Engler, A., Bot. Jahrb. 48: 59. 1913 (rev.).

5810. *Kieselalgen aus Asien* . . . Berlin (Verlag von Gebrüder Borntraeger . . .) 1932. Oct. (*Kieselalg. Asien*).
Publ.: 1932 (Nat. Nov. Mar 1933), p. [i-iii], [1]-56, *pl. 1-19*. *Copy*: FH.
Ref.: Schmidt, O. C., Hedwigia 73 (Beibl. 1): (8). 30 Mar 1933 (rev.).

Meister, Jakob (1850-1927), Swiss botanist and geologist; high school teacher at Zürich 1871-1880, at Schaffhausen 1880-1926. (*J. Meister*).

HERBARIUM and TYPES: Some material at E and GB.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 472; BL 2: 580, 690; BM 3: 1282; CSP 17: 141; IH 2: 523; Rehder 5: 563.
Kummer, G., Ber. Schweiz. bot. Ges. 37: v-ix. 1928 (bibl., b. 2 Mar 1850, d. 7 Oct 1927).

5811. *Flora von Schaffhausen* . . . Schaffhausen (Verlag von Carl Schoch's Buchhandlung) 1887. Oct. (*Fl. Schaffhausen*).
Publ.: Apr-Mai 1887 (Nat. Nov. Aug(2) 1887; Bot. Zeit. 26 Aug 1887; Bot. Centralbl. 29 Aug-2 Sep 1887; J. Bot. Nov 1887), p. [i*], [i]-vii, [1]-202, [i]-viii, index. *Copy*: G.
Other issue: Apr-Mai 1887, p. [1*], [i]-vii, [1]-202, [i]-viii, index. *Copy*: NY. – "Beilage zum Osterprogramm des Gymnasiums Schaffhausen 1887. Schaffhausen. – Buchdruckerei von H. Meier. – 1887."
Ref.: Jäggi, J., Bot. Centralbl. 35: 89-91. 1888.

Mejer, Ludwig (1825-1895), German botanist at Hannover. (*Mejer*).

HERBARIUM and TYPES: HAN.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1282; CSP 4: 328, 8: 375, 12: 497, 17: 141; IH 2: 523; Jackson p. 305; Morren ed. 10, p. 13; Rehder 5: 563; Tucker 1: 478.

EPONYMY: *Mejerella* Kordě (1950) is dedicated to Konstantin Ignatovič Meyer (or Mejer) (1881-?), Russian botanist, who is probably also commemorated by *Meyeriella* Skvortzov (1968).

5812. *Flora von Hannover.* Beschreibung und Standörterangabe der im Fürstenthum Calenberg im Freien wachsenden Gefässpflanzen . . . Hannover (Hahn'sche Hofbuchhandlung) 1875. Oct. (*Fl. Hannover*).
Ed. 1: Oct 1875 (see Bot. Zeit. 33: 726, 728, 29 Oct 1875; J. Bot. Dec 1875 in list of October publ.), p. [i]-xlviii, [1]-219. *Copy*: B (has also the 20 p. 1893 Nachtrag).
Ed. 2: 1893, p. [i]-xlviii, [1]-219 [1]-20 (Nachtrag). *Copies*: B, G. – "Zweite durch einen Nachtrag bis 1892 fortgeführte Ausgabe."
Mejer published a *Schulbotanik für Hannover,* Hannover (Hahn'sche Buchh.), lv, 187 p., Oct., in June 1886.

Mela, Aukusti Juhana (until 1876 August Johan Malmberg) (1846-1904), Finnish zoologist and botanist; high school teacher in Helsinki; active promoter of Finnish culture and language. (*Mela*).

HERBARIUM and TYPES: KUO, H.

NOTE: Information provided by P. Isoviita.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 472 (b. 8 Mar 1846, d. 3 Feb 1904); BL 2: 61, 69-70 (Malmberg, 687 (id.)); BM 3: 1282, 7: 821; Collander p. 351-352 (also biogr. refs.), hist. p. 66, 97, 100, 110; IH 1 (ed. 6): 361; Morren ed. 10, p. 97; Rehder 5: 563; Saelan p. 316 (Malmberg), 322-324; TL-2/2875; TR 841 (Malmberg).
Anon., Bot. Not. 1871: 104 (Malmberg).
Elfving, F., Acta Fauna Fl. fenn. 50: 223. 1921).
Lappalainen, P., Aukusti Juhana Mela, uranaukaisijan elämä. Helsinki 1959, 464 p. (main biogr., portr.).
Palmén, J. A., Medd. Soc. Faun. Fl. fenn. 30: 158-161. 1904.
Saalaas, U., Puoli vuosisataa suomalaista luonnontiedettä 48-135. 1946 (on Mela and the Mela period in Finnish natural history; portr.).
Wittrock, V. B., Acta Horti Berg. 3(3): 94, *pl. 121*. 1905 (sub Malmberg; portr.).

HANDWRITING: Lappalainen, P. (1959), p. 109.

COMPOSITE WORKS: Translated C. Hoffmann, *Pfl.-Atlas Linn. Syst.* (1881) into Swedish: "Bilder ur växtverlden . . . " Stockholm (C. C. Fritze) 1883 (Bot. Centralbl. 11-15 Feb 1884; Bot. Zeit. 29 Feb 1884), n.v.

5813. *Lyhkäinen kasvioppi ja kasvio* . . . Helsingissä (Suomalaisen kirjallisuuden Seuran Kirjapainossa) 1877. Oct.
Ed. 1: 1877 (p. xi: Dec 1876), p. [i]-xi, [xii], [1]-88, [i]-xxxviii, [1]-197, *6 pl. Copy*: H. – "Brief botany and flora . . ." Suomalaisen kirjalli suuden Seuran toimituksia 53 osa.
Ed. 2: 1884 (p. xii: Aug 1884), p. [i]-xii, [1-]-[212], [i]-xxxix, [1]-240, [1-4, err.]. *Copy*: H. – Second, corrected and augmented edition.
Ed. 3: 1895 (p. [vii]: Mai 1895), p. [i-xii], map, [1]-572, [i]-lxviii. *Copies*: H, NY, – Third, fully revised edition. *Suomen koulukasvio.*
Ed. 4: 1899 (p. [vii]: Jun 1899), p. [i-xii], map, [1]-[590], [i]-lxxii. *Copy*: H.
Ed. 5: 1906 (p. x: 10 Sep 1906), p. [i]-x, map, [1]-[764]. *Copy*: H. – "A. J. Melan Suomen kasvio viides painos . . . " by Alexander Karl Cajander (1848-1911). The cover has "Mela-Cajander Suomenkasvio," however, the text must be attributed to Cajander.

Melchior, Hans (1894-x), German botanist; student of Engler; 1917 assistant with G. Haberlandt, Berlin; Dr. phil. Berlin 1920; at the Botanical Museum as Assistant 1920; Oberassistent 1929; Kustos 1932-1955; from 1940 professor; Wissenschaftlicher Oberrat 1955; kommissarischer Leiter 1958-1959. (*Melch.*).

HERBARIUM and TYPES: B.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 363; Barnhart 2: 472 (b. 5 Aug 1894); BFM 2274, 2919; BJI 2: 114-115; Bossert p. 263; Hirsch p. 195; Hortus 3: 1199 ("Melchior"); IH 2: 523; Kew 3: 646; Langman p. 497; MW p. 316, suppl. p. 225; Roon p. 76; TL-2/1: 1707, 1711; Zander ed. 10, p. 691, ed. 11, p. 788; Zep.-Tim. p. 83-84.
Anon., Österr. bot. Z. 81: 320. 1932 (app. Kustos).
Becker, K. & E. Schumacher, S. B. Ges. naturf. Fr. Berlin ser. 2. 13(2): 144. 1973.
Eckardt, Th., Willdenowia 4(2): 176. 1966.
Pilger, R., Mitt. bot. Gart. Mus. Berl.-Dahl. 1(1): 2, 15. 1953.

COMPOSITE WORKS: (1) EP, *Die natürlichen Pflanzenfamilien,* ed. 2:
(a) *Medusagynaceae* (with A. Engler), 21: 50-52, *fig. 31,* Dec 1925.
(b) *Theaceae,* 21: 109-154, *fig. 59-67.* Dec 1925.
(c) *Violaceae,* 21: 109-154, *fig. 148-162.* Dec 1925.
(d) *Canellaceae,* Nachtrag (with W. Schultze-Motel) 17a II: 221-224. Jan-Jul 1959.
(2) Engler, *Syllabus der Pflanzenfamilien,* ed. 12, 2 vols. 1954-1964 (with E. Werdermann), see TL-2/1: 1707.
(3) Melchior, H. & H. Kastner, *Gewürze,* Berlin und Hamburg 1974, 290 p., 'Grundlagen und Fortschritte der Lebensmitteluntersuchung' vol. 2 (Taxon 24: 162. 1974).

EPONYMY: *Melchiora* Kobuski (1956). *Note*: *Melchioria* Penzig & Saccardo (1897) is dedicated to Melchior Treub (1851-1910), Dutch botanist (q.v.) Considering Kobuski's name a later homonym, Verdcourt replaced it by the name *Balthasaria* Verdcourt (1969), stating: "Since a new name is inevitable I have chosen one based on one of the other wise men." The third companion of the party of the Magi was not forgotten by botanists, see *Casparea* and *Caspareopsis* under Caspar Bauhin.

Melén, Eric Gustaf (1801-1828), Swedish physician and botanist; student of C. P. Thunberg; Dr. med. Upsal. 1826; hospital physician at Kalmar 1826-1828 (*Melén*).

HERBARIUM and TYPES: Types, if any, in UPS (Thunberg herb.).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 172; BM 3: 1283; KR p. 499 (b. 6 Oct 1850, d. 12 Feb 1919); PR 6073 (ed. 1, 6762).

5814. *De Erythraeis svecanis* dissertatio botanico medica. Quam venia exp. Facult. med. upsal. praeside C. P. Thunberg . . . pro gradu medico conscripsit et publicae censurae offert Ericus Gustavus Melén Calmariensis. In audit. botanico die [6] junii mdcccxxvi h.a. et p.m.s. Upsaliae (excudebant Palmblad & C.) Qu. (*Erythr. svec.*).
Publ.: 6 Jun 1826, p. [1]-8. *Copy*: FI.

Melhus, Irving E. (1881-1969), American phytopathologist and pteridologist; B. Sc. Iowa State 1906, Ph. D. Madison 1912; plant pathologist in the Agricultural Experiment Station and Botany Dept. of Iowa State University 1912-1946; director of the Iowa State University Guatemala Tropical Research Center 1946-1953. (*Melhus*).

HERBARIUM and TYPES: Some material at F.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 472; Bossert p. 263; IH 2: 523; LS 18105-18134; Stevenson p. 1251.
Anon., Phytopathology 56: 385. 1966.
Pammel, L. H., Proc. Iowa Acad. Sci. 31: 58. 1924.
Wallin, J. R., Phytopathology 62(4): 391. 1972 (obit., portr., b. 2 Apr 1881, d. 10 Nov 1969).

Melliss, John Charles (fl. 1863-1872), British botanist and commissioner of Crown property, surveyor on St. Helena ca. 1860-1891. (*Melliss*).

HERBARIUM and TYPES: Material at B, E, FI, GRA, K, LY, OXF.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 473; BL 1: 91, 308; BM 3: 1284; Clokie p. 209; Herder p. 54; IH 2: 524; Jackson p. 353; Rehder 1: 498; SBC p. 127 ("Mell."); TL-2/see W. A. Leighton; Tucker 1: 478; Urban-Berl. p. 307, 374.
Candolle, Alph. de, Phytographie 433. 1880 (pl. K).
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 109. 1970.
Jackson, B. D., Bull. misc. Inf. Kew 1901: 45 (273 pl. K).
Sayre, G., Bryologist 80: 513. 1977.

5815. *St. Helena*: a physical, historical, and topographical description of the island, including its geology, fauna, flora, and meteorology by John Charles Melliss, ... the botanical plates from original drawings by Mrs. J. C. Melliss. London (L. Reeve & Co., ...) 1875. Oct. (*St. Helena*).
Publ.: Mar-Apr 1875 (J. Bot. Apr 1875), p. [i]-xiv, map, [1]-426, *56 pl. Copy*: FI. Botany on p. 221-383, *col. pl. 25-56*. For a slightly more recent account see W. B. Hemsley, Rep. Challenger, Bot. 1(2): 49-122, *pl. 18-22, 48-51*. Mai-Dec 1884.

Melsheimer, Marcellus (1827-1920), German botanist and forester; studied at the Eisenach forestry college 1852-1854; from 1856-1896 Oberförster at Linz a. Rhein; in retirement ibid. until 1920. (*Melsheimer*).

HERBARIUM and TYPES: Some material at BHU.

BIBLIOGRAPHY and BIOGRAPHY: BFM 302; BM 3: 1284; CSP 8: 378, 10: 771, 17: 149; Morren ed. 10, p. 14; Rehder 5: 564.
Andres, H., S. B. naturhist. Ver. preuss. Rheinl. Westf. 1922: 22-23. 1923 (obit., b. 14 Feb 1827, d. 24 Mai 1920).
Roth, E., Bot. Centralbl. 21: 235. 1885 (rev. *Mittelrhein. Fl.*).
Wirtgen, F., S. B. naturhist. Ver. preuss. Rheinl. Westf. 1907(1): E-50. 1908 (material collected by M in Society's herb. [now BHU]).

5816. *Mittelrheinische Flora* das Rheintal und die angrenzenden Gebirge von Coblenz bis Bonn umfassend ... Neuwied und Leipzig (Henser's Verlag (Louis Henser)). 1884. Oct. (*Mittelrhein. Fl.*).
Publ.: 18 Sep 1884 (copy M signed and dated by author; Nat. Nov. Oct(1) 1884; Bot. Centralbl. 29 Sep-3 Oct 1884; Bot. Zeit. 31 Oct 1884; J. Bot. Nov 1884), p. [i]-vii, [viii], [1]-164, err. slip, [1, Nachtr.]. *Copies*: B, G, M.

Melvill, James Cosmo (1845-1929), British businessman and naturalist at Manchester; B. A. Cantab. 1868; D. Sc. Manchester 1908. (*Melvill*).

HERBARIUM and TYPES: HWB (basis of his *Flora of Harrow*, 1864), MANCH (later material). Dupl.: BM, CGE, HWB, K, MANCH, NY, OXF. Melvill presented the major part of his herbarium, 42.000 species, to the Museum of Owens College, Manchester in 1904; this is now at MANCH. The British plants, cryptogams and grasses were retained by him; they are now at HWB (often in poor condition).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 474; BL 1: 173, 309, 2: 252, 257, 690; BM 3: 1284, 7: 828; Clokie p. 209; CSP 8: 378, 10: 771, 12: 498, 17: 151; De Toni 1: lxxxii; IH 1(ed. 6): 361; 2: 525; Jackson p.253; Kew 3: 649; KR p. 500; LS suppl. 18164; PH 98; PR 6076; Rehder 5: 564; SO 2956, 3534; TL-2: see Hind, W. M.; Tucker 1: 478.
Anon., Manchester Museum Rep. 1929-30: 6-7. 1930.
Britten, J., J. Bot. 41: 415. 1903, 42: 391. 1904, 46: 272. 1908.
Druce, C. G., Bot. Soc. Exch. Cl. Br. Isl. Rep. 9: 94-96. 1930; Fl. Berkshire clxxvii. 1897.
Ewan, J., *in* R. W. Long & O. Lakela, Fl. trop. Florida 5-6. 1971.
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 109. 1970 (pl. E).

Jackson, B. D., Bull. misc. Inf. Kew 1901: 45 (pl. K).
Jackson, J. W., Nature 124: 921. 1929.
Kent, D. H., Brit. herb. 69. 1957 (herb.); Hist. Fl. Middlesex 23. 1975.
Melvill, J. C., *in* Museum handbooks, Manchester Museum Oncis College publ. 54. 1904, 20 p. (herb.).
Rendle, A. B., J. Bot. 67: 344. 1929.
Riley, N. D., Entomologist 63: 96. 1930 (obit., b. 1 Jul 1845, d. 4 Nov 1929).
Smith, A. C., Fl. vit. nova 1: 80. 1979 (Fiji coll. 1962).
Urban, I., Symb. ant. 3: 5, 84. 1902 (on this list of phan. of Key West), 5: 8. 1908.
Watson, H. C., Topogr. Bot. ed. 2. 550. 1883 (mss. pl. Montgomeryshire).
Weiss, F. E., J. Bot. 68: 20-22. 1930; Mem. Proc. Manchester Lit. Philos. Soc. 74: ii-iv. 1930; Northwestern Naturalist 5: 150-156. 1930 (portr., bibl., d. 4 Nov 1929); Proc. Linn. Soc. London 142: 211-213. 1931 (obit.).
Western, W. H., Lancashire Natural. 4: 323-329. 1912 (b. 1 Jul 1845; appreciation, portr., descr. herb.).

5817. *The flora of Harrow* by J. C. Melvill. With notes on the birds of the neighbourhood, . . . London (Longman, Green, Longman, Roberts, and Green), Harrow (Crossley and Clarke) 1864. Duod. (in sixes). (*Fl. Harrow*).

Ed. 1: Jul-Oct 1864 (p. vi: Jun 1864; BSbF Nov 1864; J. Bot. Nov 1864), map, p. [i]-vi, [1]-127. *Copies*: G, MO, NY. – Drawn up by Harrow boys "from a very strong desire to promote at Harrow an interest in natural history" (pref.). Melvill was at the time a pupil at Harrow. In compiling the flora he had the assistance of W. M. Hind.

Ed. 2: 1876 (J. Bot. Jan 1877), map, p. [i]-viii, [1]-176. *Copy*: NY. – "A new and enlarged edition revised and edited by the Rev. W. M. Hind [William Marsden Hind (1815-1894)], London (Longmans, Green & Co.), Harrow (Samuel Clarke . . .) 1876. 12-mo. (in sixes).

Ref.: Seemann, J. Bot. 2: 350-352. 1864 (rev.).

Melville, Ronald (1903-x), British botanist; Cheshunt Exp. Sta. 1930-1933; at the Royal Botanic Gardens, Kew, from 1934; specialist on the Australasian flora and British *Rosa*. (*Melville*).

HERBARIUM and TYPES: K; dupl.: E, KEP, MEL, OXF, PERTH, SUVA, SYD.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 474 (b. 12 Mar 1903); BL 2: 256, 690; Bossert p. 263; Clokie p. 209; Hortus 3: 1199 ("Melv."); IH 2: 525; Kew 3: 649-651; Langman p. 498; Lasègue p. 276, 318, 324, 329, 373; MW p. 316, suppl. p. 225; Roon p. 76; SK 5: ccci; Zander ed. 10, p. 691, ed. 11, p. 788.
Melville, R., Nature 188: 14-18. 1960 (new theory Angiosp. flower); Taxon 25: 549-561. 1976 (terminology leaf architecture).

Memminger, Edward Read (1856-?), American botanist in North Carolina (*Memminger*).

HERBARIUM and TYPES: NCU; further material at NY (fungi).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 474; BL 1: 205, 308; CSP 17: 152; IH 2: 525; Kelly p. 148; LS 17684; NAF ser. 2. 2: 165.

Mendel, Gregor Johann (1822-1884), Czech geneticist, clergyman and teacher at Brno. (*Mendel*).

HERBARIUM and TYPES: A. Peter's *Hieracia Naegeliana* (3 centuries and 1 supplementary century) contain Mendel material. This series is found in many herbaria (e.g. BP, H, K. LE, PRC, S).

BIBLIOGRAPHY and BIOGRAPHY: AG 12(1): 94; Barnhart 2: 474; BM 7: 824; Bossert p. 263; CSP 4: 338, 8: 378, 17: 153; DSB 9: 277-283; Hegi 6(2): 1206; Jackson p. 100; Kew 3: 651-652; KR p. 500; Lenley p. 285; Moebius p. 343, 351, 352; Rehder 5:565.

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Dumon, A. G. et al., Gregor Mendel herdacht . . . 9 Oktober 1965, Brussel, 75 p.
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Iltis, H., Gregor Johann Mendel, Leben, Werk und Wirkung. Berlin 1924, ix 426 p., 12 pl. (portr.) (Engl. translation 1932, 1966), ed. 2.1966.
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Knoll, F., Anzeig. math.-naturw. Kl. Österr. Akad. Wiss. 104(9): 226-229. 1967.
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Krízenecký, J. and B. Némec, eds., Fundamenta genetica, Praha 1965, 400 p. (reprints of early papers by the pioneers of Mendelism).
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EPONYMY: (journals): *Mendel Bulletin* of the School of Science of Villanova College, Villanova, Pennsylvania, vols. 1-15 (1929-43) vols. 16-33 (1951-69), no vol. issued 1952; *Mendel Journal*, London, vol. 1 (1909) to vol. 3 (1912).

NOTE: We have not tried to compile a major list of the publications on Mendel. We cite here a number of recent publications as well as certain publications of importance for the bibliography of Mendel on and the taxonomically relevant aspects of his work. For an exhaustive bibliography see Jakubiček, M. & J. Kubiček (1965); for sources and supporting texts Křiženecky (1965).

5818. *Versuche über Pflanzenhybriden,* Verhandlungen des naturforschenden Vereines in Brünn 4(1865): 3-47. 1866.
Reprint from journal: 1866 (n.v.), see Knoll, F. (1967). Only very few copies known, all with similar manuscript corrections of typographical errors. Journal publ. e.g. at NY. – Other editions see Jakubíček & Kubíček (1965).
Facsimile ed.: Weinheim (J. Cramer) 1960, Historiae naturalis classica 4, ISBN 3-7682-0013-2, p. [1]-47. *Copy*: FAS. – Other fasc. ed.: Junk, Berlin, 1917.
Ref.:Krumbiegel, Gregor Mendel und das Schicksal seiner Entdeckung. Stuttgart 1957. Geerts et al., Honderd jaar Mendel, Wageningen 1965 (q.v. for further literature). Zirkle, Mendel and his era, *in* Nardone, Mendel centenary. Washington D. C. 1968. Knoll, Anzeig. math. naturw. Kl. österr. Akad. Wiss. 104(9): 226-229. 1968.

5819. Ueber einige aus künstlicher Befruchtung gewonnenen Hieracium-Bastarde, *Verhandlungen des naturforschenden Vereines in Brünn* 8: [26]-31. 1870.
Publ.: 1870. – For extensive details and further literature see Weiling 1969. Reprints with original pagination at MO, NY.

Mendonça, Francisco de Ascensão (1889-?), Portuguese botanist; specialist on Capparidaceae and Malvaceae; travelled in Angola 1927, 1937, 1955, in Moçambique 1942-1948. (*Mendonça*).

HERBARIUM and TYPES: BM, COI, K, LISC, LM, SRGH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 475; BL 1: 22, 308, 2: 474, 690; Bossert p. 264; Hortus 3: 1199 ("Mendonça"); IF suppl. 4: 331; IH 2: 526; Roon p. 77; TL-2/1734.

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Exell, A. W., Cat. vasc. pl. S. Tomé, Bol. Soc. Brot. ser. 2. 26: 13. 1952.
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White, F., C. R. AETFAT 4: 193. 1962.

COMPOSITE WORKS: See A. W. Exell, *Consp. fl. angol.*, TL-2/1734.

Meneghini, Giuseppe Giovanni Antonio (1811-1889), Italian algologist and palaeobotanist; educated at University of Padua (M. D. 1834); assistant (1834-1839) and professor of botany 1834-1838 at Padua; id. of Science faculty 1838-1849; professor of physical geography and geology at Pisa 1849-1889. (*Menegh.*).

HERBARIUM and TYPES: PI (main herb.), FI (crypt.); some material also in the Kützing herbarium at L and some other herbaria (see IH).

BIBLIOGRAPHY and BIOGRAPHY: AG 5(4): 83, 6(2): 491; Andrews p. 302; Barnhart 2: 475; BM 3: 1285-1286, 7: 825; Bossert p. 264; Cesati p. 236; CSP 4: 340-341, 8: 380, 10: 774, 12: 499, 17: 157 (biogr. refs.!); De Toni 1: lxxxiii-lxxxiv, 2: lxxix; DTS 1: 188; Frank 3 (Anh.): 63; GR p. 519, cat. p. 68; Hegi 4(3): 1280; Herder p. 113, 253; IH 2: 526; Jackson p. 159, 316; Kanitz no. 157; Kew 3: 653; KR p. 500; Lasègue p. 320, 342, 524; LS 17690; Moebius

p. 67, 78, 219; Morren ed. 10, p. 87; NI 1337; Norstedt p. 23; PH 567; PR 6077-6083 (ed. 1: 6766-6777); Quenstedt p. 288-289 (many biogr. ref.); Rehder 5: 565; Saccardo 1: 109, 2: 72; Urban-Berl. p. 267.

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VanLandingham, S. L., Cat. Diat. 6: 3567-3568. 1978, 7: 4203-4204. 1978.

HANDWRITING: Notarisia 4: pl. opp. p. 727. 1889.

EPONYMY: *Meneghinia* Endlicher (1839); *Meneghinia* R. de Visiani (1847); *Meneghiniella* W. A. Setchell & N. L. Gardner (1924).

5820. *Conspectus algologiae Euganeae* germanicis naturalium rerum scrutatoribus Pragae anno 1837 convenientibus oblatus a J. Meneghini. Patavii [Padova] (Types Minervae edit.) 1837. Oct. (*Consp. algol. Eugan.*).

Publ.: Sep 1837, p. [1]-37, [38, colo.]. *Copy*: B-S. – Reprinted from "Comentarii [sic] di Medicina del dott. G. F. Spongia fasc. Septembr 1837 . . ." (p. [38]).

5821. *Cenni sulla organografia e fisiologia delle alghe* . . . Padova (Coi Tipi della Minerva) 1838. Qu. (*Cenni organogr. alg.*).

Publ.: 1838 (Flora 21 Oct 1838, "neu"), p. [i-iii], [1]-64. *Copies*: B, FI, NY; IDC 6381. – Reprinted from Nuovi Saggi imp. reg. Accad. Sci. Padova 4: 325-388. 1838 (journal at LC).

5822. *Alghe mediterranee italiane* enumerate ed illustrate . . . Pisa (Tipographia Nistri) 1841. Oct. (*Alg. medit. ital.*).

Publ.: 1841 (p. 6: 15 Jan 1861), p. [1]-16, [1, err.]. *Copies*: FH, NY. – Reprinted from Amici, Giorn. Toscano 1: 260-272. 1840 (1841). The cover has "fascicolo primo"; this is the only one published.

Preliminary publication: Flora 23: 510-512. 1840 (diagnoses taken from Giorn. lett. ital. 23 Mai 1840.

5823. *Alghe italiane e dalmatiche* . . . Padova (Tipografia di Angelo Sicca) 1842[-1846]. Oct. (*Alg. ital. dalmat.*).

Publ.: in 5 parts, 1842-1846. *Copies*: G (orig. covers with dates), FI, MO, (id.), NY (id.), Regensburg (parts 1-4), USDA; IDC 6383.

1: Mar 1842, p. [1]-80, *pl. 1* (partly col. lith. auct.).

2: Apr 1842, p. 81-160, *pl. 2-3* (id.).

3: Jul 1842, p. 161-255, *pl. 4* (id.), err. on cover p. 2.

4: Mar 1843, p. [257]-352, *pl. 5* (id.), err. on cover p. 4.

5: Sep 1846, p. 353-384.

Facsimile ed.: Vaals (A. Asher & Co. N.V.) 1970, ISBN 90-6123-094-2, as orig. with additional t.p., plates uncoloured. *Copies*: FAS, NY.
Ref.: Kützing, H. T., Bot. Zeit. 1: 464-465. 1843, 5: 170-172. 1847.
Stafleu, F. A., Taxon 20: 372. 1971 (sic, part 5: 1846).

5824. *Monographia nostochinearum italicarum* addito specimine de Rivularis ... [Torino (dalla Stamperia reale)]1842. Qu. (*Monogr. nostoch. ital.*).
Publ.: 1842 (submitted 8 Aug 1841; Flora 7 Jul 1843), p. [i], [1]-143, *pl. 1-17* (col. liths. auct.). *Copies*: NY, LC; IDC 6382. – Reprinted from Mem. r. Accad. Sci. Torino ser. 2. 5: 1-143. 1842. (this part publ. 1842; t.p. of completed volume dated 1843).
Facsimile ed.: announced, but not yet published, by Asher (1974).
Ref.: Kützing, F. T., Bot. Zeit. 1: 463-464. 7 Jul 1843.

5825. *Sulla animalità delle diatomee* e revisione organografica dei generi di diatomee stabiliti dal Kützing memoria del Prof. G. Meneghini ... Venezia (Dalla Tipografia di Pietro Naratovich) 1846. Oct. (*Animalità diatom.*).
Publ.: 1846 (date reprint; read 28 Dec 1845), p. [1]-194, [1, err.]. *Copies*: NY – Reprinted from Atti r. Ist. Veneto 5: 43-231. 1846.
English transl.: in A. Henfrey, Botanical and physiological memoirs, London 1853 [publ. Apr 1854], "*On the animal nature of the Diatomeae* ..." transl. by C. Johnson, publ. in Mem. Ray Soc. 1853.

5826. *Paléontologie de l'île de Sardaigne* ... ou description des fossiles recueillis dans cette contrée par le général Albert de la Marmora ... [Turin 1857]. Qu.
Publ.: 1857, p. 83-650, 759-772, *8 pl. Copy*: FI (Inf. C. Steinberg). – Large paper extract from A. F. de la Marmora [1789-1863], Voyage en Sardaigne vol. 2, 1857, see Andrews p. 302, BM 3: 1243, 1286.

Menezes (Meneses), **Carlos Azevedo de** (1863-1928), Portuguese botanist; municipal librarian at Funchal, Madeira. (*Menezes*).

HERBARIUM and TYPES: COI; further material at P.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 475; BFM 1528; BJI 1: 90, 91, 308; IF suppl. 2, p. 38; IH 2: 526; LS 2: 17689; Rehder 5: 565; Tucker 1: 479.
Anon., Broteria 3: 310. 1903; Bull. Acad. int. Géogr. bot. 9: 12. 1900, 11: 9. 1902, 13: 8. 1904, 18: 8. 1909.

EPONYMY: *Menezesia* C. Torrend (1913).

5827. *Flora do Archipelago da Madeira* (phanerogamicas e cryptogamicas vasculares) ... Funchal (Typ. Bazar del Povo) 1914. Oct. (*Fl. Madeira*).
Publ.: 1914, p. [1]-282. *Copies*: FI, L.

Menge, Franz Anton (1808-1880), German high school teacher, palaeontologist, arachnologist and botanist; studied at Bonn 1828-1832; high school teacher at Graudenz 1833-1836, and at the Petrischule, Danzig 1836-1877; specialist on amber fossils. (*Menge*).

HERBARIUM and TYPES: Original collection at the Danziger Provinzialmuseum, now destroyed. Bryophytes at WRSL.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(1): 271; Andrews p. 302; Barnhart 2: 475 (b. 15 Feb 1808, d. 27 Jan 1880); BM 3: 1286-1287; CSP 4: 342, 8: 380, 10: 774; Herder p. 186; Kew 3: 654; PR 6084 (ed. 1: 6779); Quenstedt p. 289; Rehder 1: 380; SBC p. 127 ("Menge"); TL-2/1: 2080.
Anon., Zool. Anz. 3: 120. 1880 (b. 10 Feb 1808, d. 27 Jan 1880).
Bonnet, P. N. L., Bibl. Araneorum 1: 35-36. 1945 (d. 18 Jan 1880, portr. on *pl. 5*).
Ohlert, B., Schrift. naturf. Ges. Danzig ser. 2. 5: xl-xlviii. 1881 (obit., b. 15 Feb 1808, d. 26 Jan 1880).
Sayre, G., Bryologist 80: 513. 1977 (musci WRSL).

Schumann, E., Gesch. naturf. Ges. Danzig 1743-1892, Danzig 1893, p. 62-63, 97-98. (Schr. naturf. Ges. Danzig ser. 2. 8(2): 62-63, 97-98).

COMPOSITE WORKS: See TL-2/1: 2080, Goeppert et al., *Fl. Bernsteins* (extensive rev.: Behrens, Bot. Centralbl. 15: 17-21. 1883, Sterzel, ib. 29: 140-145. 1887).

EPONYMY: *Mengea* J. C. Schauer (1843); *Mengea* H. Conwentz (1886).

5828. *Catalogus plantarum phanerogamicarum* regionis *grudentinensis et gedanensis* . . . Grudentiae [Graudenz] (typis C. G. Röthe) 1839. Duod. (*Cat. pl. grudent. gedan.*).
Publ.: 1839 (p. 4: Whitsun 1838), p. [1]-442. *Copy*: B. – Gedanum: Danzig, Gdánsk; Grudentum: Graudentium, Graudenz, Bromberg, Grudziadz; both cities now in Poland.

Mennega, Alberta Maria Wilhelmina (1912-x), Dutch wood anatomist and plant systematist at the University of Utrecht; Dr. phil. Utrecht 1938. (*Mennega*).

HERBARIUM and TYPES: U.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 476 (b. 14 Aug 1912): Bossert p. 264; IH 2: 527; Roon p. 77.
Anon., IAWA Bull. 1979/4: 100 (portr.); Taxon 5: 2. 1956 (portr. in group), 25: 506. 1977.
Mennega, A. M. W., Suriname Timbers, 1, The Hague 1948, 59 p. Natuurw. Studiekring Suriname. Curaçao no. 3.
Jonker, F. P., Med. Bot. Mus. Utrecht 436, 1977 (Giogr., bibl., portr.).

NOTE: A. M. W. Mennega's nephew, Erik Albert Mennega is the author of the entries in TL-2 on postage stamps carrying likenesses of botanical authors (b. 6 Jan 1923).

Mentz, August (1867-1944), Danish botanist; Dr. phil. 1912; professor of botany at an agricultural college at Copenhagen from 1923-1931. (*Mentz*).

HERBARIUM and TYPES: C.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 476; BL 2: 6, 54, 477, 691; CSP 17: 163; GR cat. p. 68; Hirsch p. 195; IH 2: 527; Kew 3: 655; Kleppa p. 238, 239; KR p. 501 (b. 5 Dec 1867).
Anon., Österr. bot. Z. 72: 448. 1923 (app. Copenhagen).
Christensen, C., Dansk. bot. hist. 1: 881. 1926; Danske bot. Litt. 1880-1913, p. 157-159. 1913. 1912-1939, p. 36-39. 1940 (portr., bibl.).
Hansen, A., Dansk. bot. Ark. 2(1): 68. 1963 (many refs. to obituaries; d. 6 Nov 1944).
Jessen, K., Bot. Tidsskr. 46(4): 430-433. 1946 (portr., b. 5 Dec 1867, d. 6 Nov 1944).
Mentz, A., Vid. Medd. Dansk. naturh. For. 108 xii-xiv. 1945 (nature conservation activities).

COMPOSITE WORKS: For Mentz, A. & C. H. Ostenfeld, *Billeder af Nordens Flora* see under Palmstruch, *Sv. flora* (see also BL 2: 477).

5829. *Danske Graesser* og andre graesagtige planter populaer vejledning . . . København (Det Nordiske Forlag . . .) 1902. Oct. (*Danske Graess.*).
Publ.: 1902 (Nat. Nov. Mar(2) 1903), p. [i-iv], [1]-168, [169-170, index], [1-2, contents and literature], [1, err.]. *Copies*: C, H, LD, UC.

5830. *Studier over danske mosers recente vegetation* . . . København og Kristiania [Oslo] (Gyldendalske Boghandel. Nordisk Forlag . . .) 1912. Oct. (*Stud. danske mosers veg.*).
Publ.: Jun 1912 (slip dated 28 Jun 1912; p. ii: 21 Mai 1912), p. [i]-v, [-viii], [1]-287, [289, theses] *Copy*: US. – Also published Bot. Tidskr. 31: 177-464. 1912.

Menyhárth, Lászlò (Ladislav), S. J. (1849-1897), Austro-Hungarian missionary and botanist; originally at Innsbruck; later at Kalocsa; travelled in the Zambesi region. (*Menyh.*).

HERBARIUM and TYPES: African material mainly at WU; further specimens at B, C, E, K, L, NY, WU and Z.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 476; BM 3: 1287; CSP 12: 500 DTS 1: 189; Futák-Domin p. 393; Herder p. 344; IH 2: 527; Jackson p. 265; Morren ed. 10, p. 40; Urban-Berl. p. 307, 374.
Anon., Allg. bot. Z. 5: 104. 1899; Bot. Not. 1900: 48 (d.); Nat. Nov. 21: 327. 1899 (d.).
Exell, A. W., Cat. vasc. pl. S. Tomé 14. 1944.
Exell, A. W. & G. A. Hayes, Kirkia 6(1): 97. 1967 (coll. Fl. zambesiac.).
Exell, A. W., A. Fernandes & F. A. Mendonça, Bol. Soc. Brot. ser. 2. 26: 217. 1952.
Gomes e Sousa, A. de F., Moçambique, Document. trim. 57/58: 68. 1949.
Kneucker, A., Allg. bot. Z. 5: 104. 1899 (d.).
Leeuwenberg, A. J. M., Webbia 19: 862. 1965 (dupl. coll.; orig. coll. at B mainly destroyed).
Schinz, H., Denkschr. k. Akad. Wiss., Wien, Math.-naturw. 78: 367-445. Sep 1905 (Plantae Menyharthianae).

5831. *Kalocsa vidékének növénytenyészete* [Die Vegetation der Umgebung von Kalocsa]. Budapest (Nyomatott a "Hunyadi Mátyás" intézetben) 1877. Oct. (*Kal. vid. növén.*).
Publ.: Nov-Dec 1877 (p. 9: 15 Oct 1877), p. [1]-198, [1]-25, [26]. *Copy*: NY.
Ref.: Knapp, J. A., Österr. bot. Z. 28: 103. 1 Mar 1878 (rev.).

Menzel, Paul Julius (1864-1927), German palaeontologist; Dr. med. Greifswald 1889; practicing physician at Heinitz-Grosspostritz, 1889-1898; id. at Dresden 1898-1914; id. in the German army 1914-1918; again at Dresden 1918-1927. (*Menzel*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 302; Barnhart 2: 476; BM 7: 826; Bossert p. 264; CSP 12: 500, 17: 164; Hirsch p. 195.
Kräusel, R., Ber. deut. bot. Ges. 45: (72)-(78). 1928 (bibl., biogr., b. 27 Apr 1864, d. 2 Apr 1927).
Lohrmann, E., S. B. Abh. Isis, Dresden 1927/28: v-ix. 1929 (n.v.).

5832. *Über die Flora der Senftenberger Braunkohlen-Ablagerungen* . . . Berlin (Im Vertrieb bei der Königl. Preuss. Geologischen Landesanstalt und Bergakademie . . .) 1906. Oct. (*Fl. Senftenb. Braunk.-Ablag.*).
Publ.: 1906, p. [i], [1]-176, [1, list], *fig. 1-6, pl. i-ix* (uncol. liths. with text). *Copy*: USGS. – Abhandlungen der Königlich Preussischen Geologischen Landesanstalt und Bergakademie, Neue Folge, Heft 46.

Menzies, Archibald (1754-1842), British physician, gardener, botanist, zoologist and plant collector; assistant-surgeon in the Royal Navy 1782; in N.W. America 1786-1789; with Capt. Vancouver on the Voyage of the Discovery and Chatham 1791-1795. (*Menzies*).

HERBARIUM and TYPES: E (main herbarium); some original collections, however, also at BM, CGE, FH, K, LINN, NY, OXF and S. For details see IH. Various materials were acquired by F.R.S. Balfour who passed on diplomas, charters and relics to the Provincial Archives at Victoria, B. C., and certain papers to the Library of the State of Washington. Correspondence with W. J. Hooker at K.

NAME: The "Z" in Scots is the equivalent of "Y" and should be so pronounced. See e.g. Balfour (1944/5).

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 202; Backer p. 366; Barnhart 2: 476; BB p. 213; BM 3: 1288, 7: 826; Bossert p. 264; Clokie p. 209-210; CSP 4: 345; Dawson p. 46, 309, 425, 604-607, 633; Desmond p. 434; DNB 37: 258; Dryander 2: 20, 466, 5: 82; Frank 3(Anh.): 63; GR p. 377, cat. p. 68; Hortus 3: 1199 ("Menz."); HR; IH2: 527; Kew 3: 656; Lasègue p. 366-368, 502, 324, 328, 337, 391; Lenley p. 285; PR (alph.); SBC p. 127 ("Menz."); SK 5: ccci-cccii, 8: lxv; Urban-Berl. p. 307; Zander ed. 11, p. 788.

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EPONYMY: *Menziesia* J. E. Smith (1791).

5833. *Hawaii Nei* 128 years ago . . . Honolulu, T. H. 1920. Oct. (*Hawaii Nei*).
Editor: W. F. Wilson.
Publ.: 1920 (see also J. Bot. 58: 159. 1920), p. [i*], [i]-viii, portr. Menzies, [1]-199, *34 pl.*
Copy: NY. – Parts of M's journal kept during Vancouver's Voyage dealing with visits to the Sandwich Islands, 1792-1794.

Mérat de Vaumartoise, François Victor (1780-1851), French botanist and physician at Paris; Dr. méd. Paris 1803; at the Charité hospital 1803-1813; editor of the Dictionnaire des sciences médicales. (*Mérat*).

HERBARIUM and TYPES: Mérat's herbarium was sold to Alphonse Maille (1813-1865), whose herbarium was split up and sold as *Reliquae Mailleanae* to various botanists and institutes. Parts of the herbarium are now at BR, G, P and PC. P acquired also ca. 1500 Maille specimens in 1866 and 1867. The Mérat herbarium of 8000 specimens acquired by P in 1850 was by Jean Mérat.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(1): 600; Backer p. 366; Barnhart 2: 476 (b. 16 Jul 1780); BM 3: 1288; Colmeiro 1: clxxxliii; CSP 4: 345-346, 12: 501; Frank 3(Anh.): 63; GR p. 288, cat. p. 68; Hawksworth p. 184, 196; Herder p. 88, 175, 409; Hortus 3: 1199 ("Mérat"); IF p. 718; IH 2: 527-528; Jackson p. 14; Kelly p. 148, 255; Langman p. 501; Lasègue p. 219, 540; LS 17714-17715; PR 6095-6099 (ed. 1: 6793-6801); Rehder 5: 566; SBC p. 127 ("Mér."); SO add. 802b-d; Stevenson p. 1251; TL-1/258, 437, *828-829*; TL-2/1239; Tucker 1: 479.
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NOTE: Mérat's grandfather, Laurent Germain Mérat (1712-1790), a pharmacist at Auxerre (from 1740), was also a diligent botanist, even though he left no published papers. His grandson François Victor, owned four manuscripts of his grandfather of which one, an *Histoire des plantes qui croissent dans le comté d'Auxerre* (1778) is now at NY.

EPONYMY: *Meratia* Loiseleur-Deslongchamps (1818, *nom. rej.*); *Meratia* Cassini (1824); *Meratia* Alph. de Candolle (1846).

5834. *Nouvelle flore des environs de Paris*, suivant le système sexuel de Linnée, avec l'indication des vertus des plantes usitées en médecine, des details sur leur emploi pharmaceutique, etc.

... Paris (Ches Méquignon-Marvis ... De l'imprimerie de Crapelet) 1812. Oct. (*Nouv. fl. env. Paris*).

Ed. 1: 7-12 Jun 1812 (BF), 1500 copies issued, p. [i*-iii*], [i]-xxxvii, [xxxviii, abbr.], [1]-420. *Copies*: FI, G, MO, NY, P, Stevenson, USDA.

Ed. 2: 9-15 Jun 1821 (BF), Paris (Chez Méquignon-Marvis) 1821, duod. (in sixes), "Nouvelle flore des environs de Paris, suivant la méthode naturelle, avec l'indication des vertus des plantes usitées en médecine." duod. (in sixes). *Copies*: FI, G, MO, P, Stevenson, USDA.

Vol. 1 (cryptogamie, p. [i*-iii*], [i]-iii, [iv, err.], [1]-292.

Vol. 2 (phanérogamie), p. [i*-iii*], [i]-xiii, [xiv], [1]-468.

Ed. 3: 1831-1834, Paris (Chez Méquignon-Marvis) duod. (in sixes). Title as in ed. 2. *Copies*: G(vol. 2), Stevenson, USDA.

Vol. 1 (cryptogamie): 26-31 Mai 1834 (BF, Acad.), p. [i*-iii*], [i]-iv, [1]-390, supplement [1]-10.

Vol. 2 (phanérogamie): 14 Mai 1831 (BF), p. [i*, iii*], [i]-xiii, [xiv, tabl.], [1]-521.

Ed. 4: 1836, Paris (Méquignon-Marvis père et fils) duod. (in sixes), title as in ed. 2. *Publ.*: 25 Jul 6 Aug 1836 (BF, Acad). *Copies*: G, MO, NY, USDA.

Vol. 1 (cryptogamie), p. [i]-viii, [1]-489, [1, err.].

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Ref.: Lebrun, J. P., Rev. gén. sci. 69: 257-259. 1962 (on J. S. Strobelberger).

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Vol. 1 (cryptogamie): 1837, p. [i]-viii, [1]-388.

Vol. 2 (phanérogamie): 1838 (p. xiii: 15 Jul 1836), p. [i*-iii*], [i]-xiii, [1], [1]-496.

Ed. 6: 1841, Bruxelles (Société belge de librairie . . .) Duod. (in sixes). "*Nouvelle flore médicale* suivant le système sexuel de Linnée, avec l'indication des vertus des plantes usitées en médecine . . . 6e édition, corrigée et augmentée." *Copy*: NY. – Reissue of ed. 5.

Vol. 1 (cryptogamie): p. [i]-viii, [1]-388.

Vol. 2 (phanérogamie): p. [i*-iii*], [i]-xiii, [1], [1]-496.

5835. *Synopsis de la nouvelle flore des environs de Paris* suivant la méthode naturelle, . . . Paris (Méquignon-Marvis père et fils, . . .) 1837. 18-mo. (*Syn. nouv. fl. Paris*).

Publ.: late Mai 1837 (Acad. 29 Mai 1837, BF: 10 Jun 1837), p. [i-viii], [1]-315, [316, err.]. *Copies*: G, NY.

5836. *Notice sur une hépatique, regardée comme l'individu mâle du Marchantia conica, L.* . . . Paris (L. Bouchard-Huzard, . . .) 1840. (*Not. Hépat.*).

Publ.: Jul 1840, p. [1]-12, *1 pl.* (uncol. by Félix Rassat). *Copies*: FI, G. – Reprinted from Ann. Agric. franç. sér. 4. 2(7): 5-13. 1840.

5837. *Revue de la flore parisienne*, suivie du texte du Botanicon parisiense de Vaillant, avec les noms linnéens en regard. Ouvrage servant de complément aux quatre éditions (et au Synopsis) de la Nouvelle flore des environs de Paris (du même auteur), et à toutes celles publiées jusqu'ici . . . Paris (Chez J. -B. Baillière . . . et Méquignon-Marvis fils . . .) 1843. Oct. (*Rev. fl. paris.*).

Orig. ed.: Jul 1843 (t.p.: Bot. Zeit. 29 Dec 1843). p. [i*, iii*], [i]-iv, [1]-490. *Copies*: B, BR, G(2), L, NY.

Additions: 1844, p. 491-492. 15 Jan 1845; 1845, p. 493-496. Jan 1846; 1846, p. 497-500. 15 Jan 1847; further additions p. 501-508. *Copies*: BR (491-508), FI (493-500), G (491-508).

Criticism: see Cosson, É., TL-2/1239.

Ref.: Anon., Bot. Zeit. 1: 898. 29 Dec 1843.

Mercier de Coppet, Elysée (1802-1863), Swiss botanist. (*Mercier*).

HERBARIUM and TYPES: G (donated by his son in 1913).

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 192; Barnhart 2: 477; BL 2: 571, 691; BM 3: 1289; Hortus 3: 1199 ("Merc."); Rehder 2: 304; Tucker 1: 180.

Briquet, J., Annu. Cons. Jard. bot. Genève 20: 482-483. 1919 (on herb. at G).

Miège, J. & Wuest, Saussurea 6: 132. 1975.

5838. *Rubi genevenses* . . . Genève (Librairie allemande de J. Kessmann) [1861]. Oct. (*Rubi genev.*).
Publ.: 1861, p. [1]-39. *Copies*: FI, G (with corrections by author). Reprinted from Georges François Reuter (1805-1872), *Catalogue* [détaillé] *des plantes vasculaires qui croissent naturellement aux environs de Genève*, ed. 2, Genève 1861, p. 259-295.

Mercier, Marie Philippe (1781-1831), French botanist, born on Martinique; soldier, police officer, salesman, refugee in Genève 1822-1831 working with A. P. de Candolle. (*P. Mercier*).

HERBARIUM and TYPES: FI; duplicates at E, G, P, S.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 477; IH 1(ed. 6): 361, 2: 528; Lasègue p. 317; Lenley p. 464; PR (alph.); Rehder 5: 566.
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NOTE: Mercier prepared a quarto publication *Choix de plantes exotiques rares ou nouvelles* for publication. According to Seringe the manuscript was nearly ready by Mai 1830. The book, however, remained unpublished and Mercier died on 30 Oct 1831. The only part of the text published was a short article with the same title in the Bulletin botanique (Seringe) 1(6); 167-170. Jun 1830. Seringe, in a footnote on p. 167, announces the quarto volume which was still awaiting the plates by Heyland.

EPONYMY: *Merciera* Alph. de Candolle (1830) is dedicated to Marie Philippe Mercier (1781-1831), French traveller and collector born in Martinique who lived in Geneva from 1822 until his death, friend of Seringe and the de Candolles.

Mercklin, Carl Eugen [Eugeniewitsch] **von** (1821-1904), Livonian (Baltic-German) botanist and paleontologist; studied at Dorpat and Jena, Dr. phil. Jena 1846; from 1848-1855 plant physiologist at St. Petersburg; professor of forestry botany at St. Petersburg 1847-1865; professor of botany at the medical academy of St. Petersburg 1867. (*Merckl.*).

HERBARIUM and TYPES: LE; some further material at MW.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 302-303; Barnhart 2: 477; BM 3: 1289; CSP 4: 347, 8: 382, 10: 780, 17: 169; Herder p. 465 [index]; IH 2: 528; Jackson p. 70, 188, 494; Kew 3: 656-657; LS 17718-17721; Morren ed. 10, p. 95; PR 6100-6102 (ed. 1: 6802); Quenstedt p. 290; Ratzeburg p. 351-352; Rehder 5: 566; TR 875-881; Tucker 1: 480.
Anon., Acta Horti bot. Univ. Jurjev. 5: 272. 1904, 6: 54-59. 1906 (b. 7/19 Apr 1828, d. 26 Nov/9 Dec 1904): Annuaire géol. mineral. Russie 7: 248. 1904 (bibl.); Bot. Jahrb. 37(Beibl. 84): 3. 1906 (d.); Hedwigia 44 (Beibl. 3): 137. 1905 (d.); Verh. russ. mineralog. Ges. 42, Protokolle 67-69. 1905 (for 1904).
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Lipschitz, S., Florae URSS fontes 23 (no. 74). 1975.
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Sachs, J. v., Hist. botanique 456. 1892.
Szymkiewicz, D., Bibl. Fl. Polsk. 29. 1925 (bibl.).

EPONYMY: *Mercklinea* E. Regel (1856).

5839. *Beobachtungen an dem Prothallium der Farrnkräuter.* Eine Prüfung und Berichtigung der

neuesten Entdeckungen in der Entwicklungsgeschichte derselben ... St. Petersburg 1850. Fol. (*Beob. Prothall. Farrnkr.*).
Publ.: 1850 (censor: 21 Mar 1850; Bot. Zeit. 4 Apr 1851), p. [i-iv], [1]-84, *pl. 1-7* (uncol. liths.). *Copies*: NY, US, USDA.
Ref.: Anon., Flora 33: 696-701. 28 Nov 1850 (rev.).

5840. *Anatomisch-physiologische Notizen* über einige seltner blühende Pflanzen der Kaiserl. Gewächshäuser zu St. Petersburg ... Riga (gedruckt bei W. F. Häcker) 1851. Oct.
Publ.: 1851, p. [1]-18, *1 pl. Copy*: FI. – Reprinted and to be cited from Corr.- Bl. naturf. Ver. Riga 4: 61-75. 1851 (journal n.v.).

5841. *Palaeodendrologikon rossicum.* Vergleichende anatomisch-mikroskopische Untersuchungen fossiler Hölzer aus Russland. Ein Beitrag zur vorweltlichen Flora ... St. Petersburg (Buchdruckerei der kaiserlichen Akademie der Wissenschaften) 1856. Qu. (*Palaeodendr. ross.*).
Publ.: late 1855 (or 1856?) (t.p. 1855; censor 23 Oct 1854; p. vi: Nov 1855 "erschienen" adv. Bot. Zeit. 26 Sep 1856; rev. BSbF Nov-Dec 1856), p. [i]-vi, [1]-99, [1, err.], *pl. 1-20* (col. printed liths. auth.). *Copies*: Teyler, USGS. – Plates in special cover.
Ref.: Anon., Bull. Soc. bot. France 3: 439. Nov-Dec 1856.

Meredith, Louisa Anne, née **Twamley** (1812-1895), British botanical artist, bush naturalist, writer and poetess; settled in Australia 1839 (mainly N.S.W. and Tasmania) (*Meredith*).

HERBARIUM and TYPES: There is no material at MEL (inf. B. M. Churchill); the Tasmanian Museum and Art Gallery, Hobart, holds 42 paintings of Tamanian plants by L.A.M. (inf. W. M. Curtis); some algae are at HO.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 477; Blunt p. 220; BM 3: 1289, 5: 2156; Desmond p. 434; HR; IH 2: 528; Jackson p. 38, 39, 235, 402: Kew 3: 657; NI 1338-1339; Plesch p. 334 (q.v. for her "The Romance of nature"); PR 6104; Rehder 1: 505; Tucker 1: 480.
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Craig, C., Old Tasmanian prints, 170-181. 1964 (full details on L.A.M's flower books and prints).
Curtis, W. M., *in* Tasmanian Wildflowers, botanical drawings by Louisa Meredith (1812-1895) Margaret Stones, Tasmania Museum and Art Gallery 23 Oct – 11 Nov 1973 (cat. exhibit.).
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Ferguson, J. A., Bibliography of Australia 6: 654-656. 1965.
Froggatt, W. W., Austral. Natural. 5(12): 182-184. 1924.
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Maiden, J. H., Pap. Proc. R. Soc. Tasmania 1909: 21-22; Roy. Soc. Tasmania, Proc. 1909: 13-14.
Mennell, P., Dict. Australas. Biogr. 320. 1892 (fide BB).
Meredith, L. A., My home in Tasmania during a residence of nine years, London, John Murray, 1852, 2 vols. Duod.; Over the straights. London 1861; Notes and sketches of New South Wales. London 1861; Travels and stories in our gold colonies. London [c. 1865]; Our island home. A. Tasmanian sketch book. London 1879; Tasmanian friends and foes, feathered, furred, fumed. Hobart Town 1880.
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Phillip, M., Dict. Austral. Biogr. 1855-1892, 320. 1892.
Swann, M., J. Proc. Austral. hist. Soc. 15: 3-14. 1929 (b. 20 Jul 1820, d. 21 Oct 1895; biogr.).

EPONYMY: *Meredithea* J. G. Agardh (1892).

5842. *Some of my bush friends in Tasmania* native flowers, berries and insects drawn from life

illustrated in verse and brightly described by Louisa Anne Meredith . . . London (by Day & Son, . . .) 1860. Qu. (*Bush friends Tasmania*).
Orig.: 1860 (preface 6 Aug 1859), lith. t.p., p. [i*, iii*], [i]-ii, [1]-100, *pl. 1-11* (col.), 1 (uncol.).
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 18: 156. 27 Apr 1860 (from Athenaeum).

Mereschkowski, Konstantin Sergejewicz [Mérejkovski, Constantin Sergeevič; pseudonym in Switzerland: Kuno Mower] (1854 [1855?]-1921), Russian algologist and lichenologist from Kasan; later (from 1925) in exile in Switzerland. (*Mereschk.*).

HERBARIUM and TYPES: G. Issued exsiccatae:
1. *Lichenes ticinenses exsiccati rariores vel novi*, pro parte ex aliis pagis provenientes, fasc. 1-4, nos. 1-120 (1919), suppl. nos. 1-7 (1919), sets at BERN, C, FH, G, LAU, M, NY, UPS. Schedulae: see below.
2. *Lichenes rossiae exsiccati*, fasc. 1-3, nos. 1-75, Kazan (1913), sets at DUKE, FH, UPS, W.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 477; BM 3: 1289, 7: 827; Cesati p. 62, 267; De Toni 1: lxxxiv, 2: lxxix-lxxx; GR p. 549-550, cat. p. 68; Hawksworth p. 184; Herder p. 253; Hirsch p. 196; IH 2: 528; Kew 3: 657; LS 36921-36921a, suppl. 18243-18257; Morren ed. 10, p. 96; MW p. 316; SBC p. 127 ("Meresch."); TR 882.
Anon., Bot. Not. 1921: 14 (d.); Nuov. Notar. 33: 87. 1922; La Suisse, 11 Jan 1921 (suicide); Österr. bot. Z. 63: 399. 1913 (announcement *Lich. ross. exsicc.* and on *Tabulae generum lichenum* a series on which we have no information that it was ever published), 64: 152. 1914 (Lich. ross. exsic. 1-3, nos. 1-75): 70: 64. 1921 (d.).
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5843. *Schedulae ad lichenes ticinenses exsiccatos* . . . [Genève 1919] Oct. (*Sched. lich. ticin.*).
Publ.: Oct 1919, p. [1]-72. *Copy*: NY. – Reprinted from Annu. Cons. Jard. bot. Genève 21: 145-216. 1919.

Merino y Román, [Père] **Baltasar** (1845-1917), Spanish jesuit and botanist in Galicia. (*Merino*).

HERBARIUM and TYPES: SANT (see Lainz 1951).

BIBLIOGRAPHY and BIOGRAPHY: AG 5(1): 782; Barnhart 2: 477; BFM 1519; BL 2: 502 (many add. refs.!), 503, 691; BM 3: 1290, 7: 827; Bossert p. 264; CSP 17: 170; IF suppl. 2: 38; IH 2: 528; Kew 3: 657; LS 36922; Rehder 1: 423; Tucker 1: 480.
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Suppl. 2: 1899, p. [1]-26, *pl. 1. Copy*: MO. – Reprinted from Anal. r. Soc. Esp. Hist. nat. 28: 5-30. 1899. (Nat. Nov. Mar (2) 1900).
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1: 1905 (Bot. Centralbl. 5 Dec 1905; Nat. Nov. Dec(2) 1905), p. [i]-lxxii, [1]-620, [1, err.], err. slip.
2: 1906, p. [i, iii], [1]-634, [1, err.].
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Copies: G, US, USDA; IDC 905.
Ref.: Hiern, W. P., J. Bot. 48: 59-61. Feb 1910 (rev. 3 vols.).

5846. *Adiciones a la flora de Galicia* . . . Braga 1917. Qu. (*Adic. fl. Galicia*).
Publ.: 1912-1917, p. [i-iii], [1]-171, [172-176, index], *10 pl. Copy*: USDA. – Reprinted from Brotéria 10: 125-140, 173-191. 1912; 11: 33-50, 105-120. 1913; 12: 32-52, 96-114, 163-176. 1914; 13: 17-32, 1915; 14: 25-28, 158-171. 1916.

Merker, Gustav (1874-x), Bohemian botanist; teacher at the forestry college of Mährisch-Weisskirchen (Hranice, E. Bohemia) (*Merker*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 478 (b. 28 Apr 1874); LS suppl. 18265; Tucker 1: 480.

5847. *Exkursionsflora für Mähren u. Österreichisch-Schlesien.* Tabellen zur leichten und sicheren Bestimmung der wildwachsenden und der häufiger verwilderten Blüten- und Farnpflanzen . . . Mährisch-Weisskirchen [Hranice] (Selbstverlag des Verfassers) 1910. Oct. (*Exkurs.-Fl. Mähren*).
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Merklein, Friedrich (*fl.* 1861), Swiss botanist at Schaffhausen. (*Merklein*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: CSP 4: 351; Rehder 1: 435.

5848. *Verzeichniss der Gefässpflanzen,* welche in der Umgebung *von Schaffhausen* vorkommen. Schaffhausen (Druck von Murbach und Gelzer) 1861. Oct. (*Verz. Gefässpfl. Schaffhausen*).
Publ.: 1861, p. [i]-x, [1]-70. *Copy*: G.

Merlet de la Boulaye, Gabriel-Eléonor (1736-1807), French botanist at Angers; director of the Angers botanical garden. (*Merlet*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 478 (b. 3 Apr 1736, d. 17 Feb 1807); BM 3: 1291; GR p. 340; PR 6106 (ed. 1: 6807); Rehder 1: 407; Tucker 1: 480.
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EPONYMY: The etymology of *Merleta* Refinesque (1840) is not given by Rafinesque.

5849. *Herborisations, dans le département de Maine et Loire,* et aux environs de Thouars, départ. des Deux-Sêvres, par feu M. Merlet de la Boulaye, . . . publiées par plusieurs de ses élèves, et augmentées de notices sur le site, la nature du terrain, les minéraux et les antiquités. Angers (Chez Fourier-Mame, . . .) 1809. Duod. (in sixes). (*Herboris. Maine et Loire*).
Publ.: 1889, p. [i]-vi, [(7)]-(12), [1]-226, [1-2, err.]. *Copies*: G, NY. – Contains on p. 7-12 a biographical notice of M by Em. D. d.l. R. (Davy de la Roche).

Merrem, Blasius (1761-1824), German botanist, mathematician and physicist; lecturer at Göttingen 1781-1784; professor of physics and political economy at Duisburg 1784-1804; from 1804-1821, professor of political economy and botany at Marburg. (*Merrem*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 367; Barnhart 2: 478 (b. 4 Feb 1761, d. 23 Feb 1824); BM 3: 1291; CSP 4: 351; Jackson p. 429; LS 17725; PR 6107-6109 (ed. 1: 6809-6811); Rehder 5: 567; SO 609, 610, 612.
Poggendorff, J. C., Biogr.-lit. Handw.-Buch 2: 125. 1863 (b. 4 Feb 1761, d. 23 Feb 1824).

EPONYMY: *Merremia* Dennstedt ex Endlicher (1941, *nom. cons.*).

5850. *Handbuch der Pflanzenkunde* nach dem Linneischen System . . . Marburg (in der neuen academischen Buchhandlung) 1809. Oct. 2 vols (*Handb. Pflanzenk.*).
1: 1809, p. [i]-xii, [1]-140.
2: 1809, p. [i-ii], [1]-618.
Copy: University library Edinburgh. Information J. Edmondson.

5851. Des Ritters Carl von Linné's *vollständiges Pflanzensystem* neu bearbeitet und mit den neueren Fortschritten dieser Wissenschaft bereichert. Zum zweckmässigen Gebrauch für Apotheker, künftige Landwirthe, Thierärzte, Gärtner, gebildete Frauenzimmer und alle Liebhaber der Pflanzenkunde die keine Gelehrte sind . . . Marburg (In der neuen academischen Buchhandlung) 1811, 2 vols. Oct. (*Vollst. Pfl.-Syst.*).
Ed. 1: 2 vols. 1811. *Copy*: MO.
1: [i], [1]-140, [1]-214.
2: [i], 215-618.
Ed. 2: 2 vols. 1823, n.v.

Merriam, Clinton Hart (1855-1942), American botanist, zoologist and ethnologist; M. D. Columbia 1879; practicing physician in Locust Grove 1879-1885; ornithologist in the office of the "Commissioner of agriculture" (now USDA) and leader of the Bureau of Biological Survey 1885-1910; working with the support of the Harriman Trust (Smithsonian Institution) from 1910; outstanding mammalogist and zoogeographer (*Merriam*).

HERBARIUM and TYPES: US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 478 (b. 5 Dec 1855, d. 1942); BL 1: 132, 168, 309; BM 3: 1291; Hortus 3: 1199 (Merriam); IH 2: 529; Lenley p. 285; Zander ed. 10, p. 691, ed. 11, p. 781.
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5852. *Results of a biological survey of the San Francisco* mountain region and desert of the Little Colorado in Arizona . . . Washington (Government Printing Office) 1890. Oct.
Publ.: Aug 1890 (Bot. Centralbl. 10 Dec 1890), p. [i]-vii, frontisp., 1-136, *pl. 1-13*, map 1-5 with text. Published and to be cited as North American fauna 3, 1890.
Ref.: Anon., Bull. Torrey bot. Club 17: 298. 9 Nov 1890.

Merrill, Elmer Drew (1876-1956), American botanist; in the Philippines 1902-1924; at

Berkeley 1924-1930; director of the New York Botanical Garden 1930-1935 succeeding N. L. Britton; at Harvard 1935-1948 (retirement as Arnold Professor); active until 1954; outstanding plant systematist ("get-the-job-done"). (*Merr.*).

HERBARIUM and TYPES: A, FH, NY, PNH, UC. For further details see IH and SK. Merrill's library, medals, diplomas, and many of his manuscripts are at NY. *Correspondence* at HH and NY; 52 letters to Brotherus at H-UB; other correspondence in many herbaria (e.g. G, K, PH) and in IAPT nomenclature files.

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Gager, C. S., Brooklyn Bot. Gard. Record 27(3): 353, 370. 1938 (Merrill was director of the California Botanic Garden 1927-1929; owing to the depression this garden was abandoned in 1930. The herbarium of the garden went to UCLA; Merrill was Director of the Arnold Arboretum from 1937; "supervisor" in 1936).

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(2) Co-editor *The Philippine Journal of Science* 1906-1923.
(3) With L. Diels and T. F. Chipp, *International address book of botanists*, 1931, xv, 605 p.
(4) Founder of *Brittonia* (vol. 1(1) Feb 1931), in honor of Nathaniel Lord Britton.

EPONYMY: *Elmerrillia* Dandy (1927); *Merrillanthus* Chun & Tsiang (1941); *Merrillia* Swingle (1919); *Merrilliobryum* Brotherus (1908); *Merrilliodendron* Kanchira (1934); *Merrilliopanax* Li (1942); *Merrilliopeltis* Hennings (1908); *Merrillosphaera* Shaw (1922); *Sinomerrillia* Hu (1937).

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Publ.: 4 Feb 1902, p. [1]-16. *Copy*: US. – U.S. Department of Agriculture, Bureau of Plant Industry, Bulletin no. 9.

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Publ.: 1903 (p. [3]: 28 Sep 1903), p. [1]-193. *Copies*: MO, NY(2), US. – Bureau of Government laboratories, 1903, no. 8.

5855. *New or noteworthy Philippine Plants* ... Manila (Bureau of Public Printing) 1904-1922. Oct. (*New Philipp. pl.*).

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3: Sep 1905, p. [1]-47. Idem 1905, no. 29.
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5: 15 Aug 1906, Philipp. J. Sci. 1, suppl. 3, part 5: 169-246. 1906.
6: Aug 1908, idem 3(4C): 219-267. 1908.
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Publ.: 31 Dec 1912 (see p. 2), p. [1]-490. *Copies*: G, MO, NY, US, USDA. – Department of the Interior, Bureau of Science, Manila, Publication no. 5.
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vol.	fasc.	pages	date	vol.	fasc.	pages	date
1	1	[1]-128	3 Jan 1923	3	1	[1]-128	20 Sep 1923
	2	129-240	3 Jan 1923		2	129-256	13 Sep 1923
	3	241-368	29 Dec 1924		3	257-384	5 Oct 1923
	4	[i]-vii, 369-463	7 Apr 1925		4	385-512	29 Oct 1923
2	1	[1]-112	8 Feb 1923		5	[i-ii], 513-628	19 Nov 1923
	2	113-208	10 Feb 1923	4		[1]-515	20 Jul 1926
	3	209-336	2 Jun 1923				
	4	337-432	28 Jun 1923				
	5	[i-ii], 433-530	26 Jul 1923				

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Collector: Adolph Daniel Edward Elmer (1870-1942), see e.g. IH 2: 182.
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Publ.: 25 Aug 1934, [i], [1]-178, *pl. 1-14.Copy*: NY. – Contr. Arnold Arb. 8.

5869. *A commentary on Loureiro's "Flora cochinchinensis"* Philadelphia (The American Philosophical Society) 1935. Qu. (*Comm. Fl. cochinch.*).
Publ.: Jun 1935, p. [i], [1]-445. *Copy*: FAS. – Trans. Amer. philos. Soc. ser. 2. 24(2), Jun 1935. – See Loureiro, TL-2/5038.

5870. *Polynesian botanical bibliography 1773-1935* ... Honolulu, Hawaii (published by the Museum) 1937. Oct. (*Polynes. bot. bibl.*).
Publ.: 1937, p. [1]-194. *Copies*: MO, NY, USDA. – Bernice P. Bishop Museum Bull. 144, 1937. – New, enlarged, edition of *Bibl. Polynes. Bot.*, J. Bishop Mus. 13: 1-68. 1924.

5871. *A bibliography of Eastern Asiatic botany* by Elmer D. Merrill and Egbert H. Walker sponsored by the Smithsonian Institution/Arnold Arboretum of Harvard University/New York Botanical Garden/Harvard-Yenching Institute. Jamaica Plain, Massachusetts, U.S.A. (The Arnold Arboretum of Harvard University) 1938, Qu. (size). (*Bibl. East Asiat. bot.*).
Co-author: Egbert Hamilton Walker (1899-x).
Publ.: 1938 (p. iii: 10 Apr 1938), p. [i]-xlii, 1-719. *Copies*: FAS, U.
Supplement 1, by Egbert H. Walker, Washington D. C. (American Institute of Biological Sciences) 1960 (p. iv: 30 Oct 1960), p. [i*], [i]-xl, 1-552, errata sheet (loose). *Copies*: FAS. U.
Ref.: Barnhart, J. H., J. New York Bot. Gard. 39: 139. 1938.
Handel-Mazzetti, H., Österr. bot. Z. 88: 69. 1939.
Walker, E. H., Taxon 10: 45-49. 1961 (refs. to dates of publ.).

5872. *Index rafinesquianus*/ The plant names published by C. S. Rafinesque with reductions, and a consideration of his methods, objectives, and attainments. Jamaica Plain, Mass. (The Arnold Arboretum of Harvard University) 1949. Qu. (*Ind. rafin.*).
Publ.: Aug 1949 (copy at US presented by Merrill to A. Chase on 24 Aug 1949), p. [i]-ix, [1]-296. *Copies*: G, L, MO, NY, U, US, USDA. – Basic work on Constantin Samuel Rafinesque-Schmalz (1783-1840), his methods, nomenclature and bibliography. Merrill also reprinted several of Rafinesque's rarest and most important publications in facsimile.
Ref.: Stuckey, R. L. & M. L. Roberts, Taxon 23: 365-372. 1974 (add. bibl.).

Merrill, George Knox (1864-1927), American lichenologist, journalist and photographer; active at Rockland, Maine were he kept an art studio. (*G. Merr.*).

HERBARIUM and TYPES: FH (50.000). Exsiccatae: *Lichenes exsiccati,* fasc. 1-11, nos. 1-275 (1909-1913), ser. 2, fasc. 1-6, nos. 1-150, (1925-1927); for sets see IH, for dates etc. see Sayre and Stevenson.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 479; Bossert p. 264; GR p. 193, cat. p. 68; IH 2: 529; Kelly p. 148, 255; LS 17728-17731, 36924-36937, suppl. 18269-18289; NW p. 53; SBC p. 127 ("Merr.").
Anon., Bryologist 30: 96. 1927; Flora 14(2) Int. Bl. 3: 8. 1831 (sale herb., libr.).
Burnham, S. H., Bryologist 31(4): 74. 1928.
Ewan, J. et al., Short hist. bot. U.S. 95. 1969.
Laundon, J. R., Lichenologist 11: 14. 1979 (lichen herb. at FH).
Norton, A. H., Maine Natural. 7(4): 161-163. 1927.
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Stevenson, J., Beih. Nova Hedwigia 36: 253. 1971 (exsicc.).
Urban, I., Gesch. Bot. Mus. Berlin-Dahlem 289. 1916.

Merriman, Paul Rossiter (1882-x), American botanist. (*Merriman*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 479 (b. 17 Jul 1882); BJI 1: 219, 308; NAF ser. 2. 5: 248.

5873. *Flora of Richmond* and vicinity (exclusive of grasses, sedges and trees) ... Richmond, Va. (Published by the Virginia Academy of Science under the editorial supervision of the Committee on Virginia Flora) 1930. (*Fl. Richmond*).
Publ.: 1930, frontisp., p. [1]-353, *pl. 1-53. Copies*: NY, USDA.

Mertens, Franz Karl (Carl) (1764-1831), German botanist, director of a business school in Bremen. (*Mert.*).

HERBARIUM and TYPES: LE (Herder 1893, p. 262); further material in several herbaria, e.g. K(2000), PC (types of algae), OXF.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 478; BFM 443, 444; BM 7: 1717, 3: 1292; Bossert p. 265; Clokie p. 210; CSP 4: 352, 10: 784; Dawson p. 609; De Toni 1: lxxxiv; Hegi 5(3): 2128; Herder p. 187, 253; DTS 1: 189; Frank 3(Anh.): 63-64; Hortus 3: 1199 ("Mert."); IH 2: 530; Kew 3: 662; KR p. 501; Langman p. 326, 331, 339, 379, 505; Lasègue p. 326, 339; Lenley p. 464; PR (alph.); RS p. 118; Urban-Berl. p. 267; Zander ed. 10, p. 691, ed. 11, p. 788.
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Fischer-Benzon, R. J. D. von, *in* P. Prahl, Krit. Fl. Schleswig-Holstein 2: 37. 1890.
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Jessen, K. F. W., Bot. Gegenw. Vorz. 371. 1864.
Kirschleger, F., Fl. Alsace 2: lxxvi-lxxvii. 1857.
Mertens, C., *in* Biogr. Skizzen Brem. Aerzte Naturf. 239-392. 1844.
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T., Bot. Zeit. 5: 115. 1847 (review of *Biogr. Skizzen verstorbener Bremischer Aerzte und Naturforscher,* Bremen 1844).
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COMPOSITE WORKS: See under J. C. Röhling, *Deutschlands Flora,* of which ed.3 was published by F. K. Mertens and W. D. J. Koch (1771-1849). Mertens and Koch were the actual auhors of vols. 1-3, Koch of vols. 4-5 of that edition.

HANDWRITING: Candollea 32: 169-170. 1977.

EPONYMY: *Mertensia* Roth (1797, *nom. cons.*): *Mertensia* Willdenow (1804): *Mertensia* Thunberg ex Roth (806); *Mertensia* Humboldt, Bonpland & Kunth (1817); *Mertensides* Fontaine (1883).

Mertens, Karl (Carl) **Heinrich** (1796-1830), German botanist at St. Petersburg; son of F. K. Mertens. (*K. Mert.*).

HERBARIUM and TYPES: LE, incl. material collected on the voyage around the world on the Corvette Seniavin under Capt. Friedrich Lütke (1826-1829). See Clokie and SK for details. A large collection of letters received by M. is at HU.

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 188; Backer p. 367; BM 3: 1292; Bret. p. 322; Clokie p. 210-211; CSP 4: 352; Herder p. 229; IH 2: 530; Lasègue p. 331, 379, 505; MW suppl. p. 226; PR (alph.) (ed. 1: 6815); Rehder 1: 510; SK 1: 356-357, 8: lxv; TR 884-885; Urban-Berl. p. 267.
Anon., Flora 12: 94. 1829, 13: 694-696. 1830 (obit.).
Borodin, J., Trav. Mus. bot. Acad. Sci. St. Petersb. 4: 77-78. 1908.
Candolle, Alph. de Phytographie 433. 1880.
Dawson, W. R., Smith papers 70. 1934.
Herder, F. v., Bot. Centralbl. 55: 261, 262, 263, 266, 292, 294. 1893 (coll. including those of his father at LE).
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Lawrence, G. H. M., Huntia 1: 164. 1964 (coll. of letters at HU).
Lindemann, E. v., Bull. Soc. imp. Natural. Moscou 61: 46-47. 1886 (coll. MW) (b. 17/30 Mai 1796, d. 17/30 Sep 1830).
Lütke, F., Voyage autour du monde 3: 132-144 (botanical notes by Mertens), 337-352 (obituary). 1836 (see BM 3: 1156, sub Litke, F.P.).
Merrill, E. D., Contr. U. S. natl. Herb. 30(1): 211. 1947.
Mertens, K. H., Linnaea 4: 43-61. 1829 (two communications from the Seniavin, with notes by A. v. Chamisso), Engl. transl. *in* W. J. Hooker, Bot. Misc. 3: 1-23. 1833; Linnaea 5: 60-71. 1830 (further report from Seniavin).
Moldenke, H. N., Plant Life 2: 72. 1946 (1948) (epon.).
Schlechtendal, D. F. L. von, Lit.-Ber. Linnaea 1830: 211 (d. 30 Sep 1830).
Schmid, G., Chamisso als Naturforscher 1942, nos. 71, 77, 246, 247, 303.
Shetler, S. G., Komarov bot. Inst. 32, 46, 57, 58. 1967.

Meschinelli, Aloysius (Luigi) (1865-?), Italian palaeomycologist; assistant in geology and palaeontology Univ. Napoli 1889-1890, president of the Comizio agrario di Vicenza 1904. (*Mesch.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 281-322; Andrews p. 303; Barnhart 2: 480; BM 3: 1292, 7: 830; Bossert p. 265; CSP 17: 182; Kelly p. 149; Kew 3: 663; Lenley p. 289-290; LS 17736-17739; NI 1344; Saccardo 1: 109.
Holm, L., Taxon 8(2): 66-67. 1959 (on M's fungus names).
Rumor S., Scrittori vicentini 2: 335-338, 3: 496. 1908 (b. 18 Mar 1865; bibl.).

COMPOSITE WORKS: *Sylloge fungorum fossilium*, *in* P. A. Saccardo, *Sylloge fungorum* 10: 741-809. 1892 (for the status of these names see Holm, Taxon 8(2): 66-67. 1969.

5874. *Flora tertiaria italica* ... Patavii [Padua] (Sumptibus auctorum, typis Seminarii) 1892. Oct. (*Fl. tert. ital.*).
Co-author: Xenofonte Squinabol (1861-?).
Publ.: Nov 1892-Apr 1893 (t.p. 1892, p. 6: 13 Oct 1892; Bot. Centralbl. 24 Mai 1893; ÖbZ Mai 1893; Bot. Zeit. 1 Jan 1894), p. [i*], [i]-lxii, [1]-575, [1-2]. *Copies*: BR, MO, NY, Teyler, USGS.

5875. *Fungorum fossilium* omnium hucusque cognitorum *iconographia* xxxi tabulis exornata. Volumen unicum. Vicetiae [Vicenza] (Sumptibus auctoris typis Aloysii Fabris & C.) 1898. Qu. (*Fung. foss. iconogr.*).
Orig. ed.: Mai-Jul 1898 (p. viii: kal. Apr 1898; ÖbZ Aug 1898; Bot. Not. 1898), p. [i*-v*], [i]-xx, [1]-144, *pl. 1-31* (uncol. liths.) *Copies*: MO, NY, Stevenson, USDA, USGS.
Editio ultima: 1902, p. [i*-vi*], [i]-xx, [1]-144, *pl. 1-31* (id.). *Copy*: PH. "... editio ultima ..." Vicetiae (in aedibus J. Galla 1902).

Metcalfe, Charles Russell (1904-x), British botanist, especially plant anatomist. (*Metcalfe*).

HERBARIUM and TYPES: K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 480; BFM 3486, 2487; Bossert p. 265; IH2: 531; Kew 3: 665-667; Langman p. 502; MW p. 318, suppl. p. 227; Plesch p. 334; Roon p. 77.
Anon., Bull. misc. Inf. Kew 1930: 328; Gard. Chron. 166(13): 31. 1969; Plant Sci. Bull. 14(4): 3. 1968.
Baas, P. and Mennega, A. M. W., Taxon 19(1): 85-87. 1970 (portr.).
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Ewan, J. et al., Short hist. bot. U.S. 52. 1969.
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Metcalfe, C. R., Bot. J. Linn. Soc. 63, Suppl. 1: 239-242. "1970" (1971) (bibl.), Notes from the Jodrell Laboratory 7: 20-29. 1972 (on the revision of Metcalfe and Chalk's Anatomy of the Dicotyledons), Taxon 22: 659-668. 1973 (ed.); Leiden bot. Ser. 3: 1-19. 1976 (history Jodrell Lab., Kew);
Paliwal and Mohapatra, Botanica (Delhi) 21(1): 18-21. 1970 (portr.).
Steenis, C. G. G. J. van, Fl. males. Bull. 23: 1678. 1969 (retirement as keeper, Jodrell Lab.).

NOTE: For C. R. Metcalfe and L. Chalk, *Anatomy of the dicotyledons,* London, New York (Oxford University Press) 1950, 2 vols. see e.g. Metcalfe (1972, 1973), for C. R. Metcalfe, *Anatomy of the Monocotyledons,* 1. *The Gramineae* (id.) 1960, e.g. O. Rohweder, Bot. Jahrb. 81(Lit.): 19-20. 1962, 5 *Cyperaceae* 1971, id. 94(Lit.): 38-39. 1974. 6. *Dioscoreales,* id., 40-41. 1974.

EPONYMY: *Metcalfia* Conert (1960).

Metsch, Johann Christian (1796-1856), German botanist; Dr. med. Berlin 1821; from 1822 public health officer at Suhl. (*Metsch*).

HERBARIUM and TYPES: JE; a collection of *Rubus* was acquired by B in 1895.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 608; Barnhart 2: 481; BM 3: 1293; CSP 4: 354; Frank 3(Anh.): 64; Herder p. 342; IH 2: 531; PR 6114 (ed. 1: 6821); Tucker 1: 481; Urban-Berl. p. 374.
Anon., Flora 39: 767. 1856; Österr. bot. W. 6: 375. 1856 (d. 28 Jul 1856).
Müller, R. H. W. & F. Zaunick, Friedrich Traugott Kützing 66, 288. 1960.
Rothmaler, W., Mitt. Thür. bot. Ver. ser. 2. 41: 56-58. 1933 (b. 25 Feb 1796).
Schlechtendal, D. F. L. von, Bot. Zeit. 14: 711-712. 1856.

5876. *Flora hennebergica* enthaltend die wildwachsenden und angebauten Gefässpflanzen, so wie der Armleuchtergewächse (Characeen) der Graffschaft Henneberg Königl. Preuss. Antheils. Ein Beitrag zur Flora des Thüringer Waldes ... Schleusingen (Verlag von Conrad Glaser) 1845. Oct. (*Fl. henneberg.*).
Publ.: Jan-Apr 1845 (Bot. Zeit. 1 Aug 1845, note; Flora rd. Apr 1845), p. [i]-xii, [1]-390. *Copies*: B, Regensburg.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 4: 437-438. 19 Jun 1846.
Anon., Flora 28: 272, 540-543. 1845.

Mettenius, Georg Heinrich (1823-1866), German pteridologist; professor of botany and

director of the Leipzig botanical garden from 1851-1866; succeeding Gustav Kunze; married Cecilie Braun, daughter of Alexander Braun; died of cholera. (*Mett.*).

HERBARIUM and TYPES: The Mettenius herbarium, exclusive of the ferns, was at LZ and is now destroyed. The fern herbarium, acquired by Berlin (B) between 1870 and 1875, was incorporated in the general herbarium (extant). An important set of ferns (448) is at W; further material at E and FR.

BIBLIOGRAPHY and BIOGRAPHY: ADB 21: 523-524; AG 2(2): 9; Backer p. 368; Barnhart 2: 481; BM 3: 1293; Bossert p. 265; CSP 4: 355, 8: 388; De Toni 1: lxxxiv; DSB 9: 340; DTS 6(4): 170; Frank 3(Anh.): 64; Hegi p. 466; Hortus 3: 1199 ("Mett."); IF p. 718-719; IH 1 (ed. 6): 361, 2: 531; Jackson p. 149, 150, 152, 224, 428; Kew 3: 668; Moebius p. 135, 136, 204; NI 1346; PR 6115-6123 (ed. 1: 6822-6823); Rehder 5: 568; Tl-1/830-832; TL-2/1: 1764, 3507, 3984; Tucker 1: 481; Urban-Berl. p. 36-37, 321; Zander ed. 10, p. 691, ed. 11, p. 788.

Anon., Bot. Zeit. 25: 80, 88. 1867 (library and herbarium for sale); Bull. Soc. bot. France 13(c.r.): 400. 1866, 13(bibl.): 236-327. 1866, 14(bibl.): 47. 1867 (sale herb., libr.); Hedwigia 5: 144. 1866; Flora 50: 13. 1867; J. Bot. 4: 336. 1866; Österr. bot. W. 1: 85, 1851 (prof. bot. Freiburg, succeeding A. Braun), 2: 172. 1852 (called to Leipzig), 6: 406. 1856 (Filic. Hort. bot. Lips.), 14: 26. 1864 (in charge of LZ herbarium), 16: 232. 1866 (d. 19 Aug 1866, of cholera).

Beck, G., Bot. Centralbl. 34: 150. 1888 (448 ferns at W).

Blum, J., Ber. Senckenb. naturf. Ges. Wiss. Abh. 1901: 19-20.

Candolle, Alph. de, Phytographie 433. 1880.

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Caspary, R., Gard. Chron. 1866: 1018; J. Bot. 4: 388-391. 1866 (Caspary was M's brother-in-law); *in* Seemann, B., J. Bot. 4: 388-390. 1866 (from Gard. Chron. 1866: 1018).

Conert, H. J., Senckenbergiana Biol. 48c: 18, 22. 1967.

Gager, C. S., Brooklyn Bot. Gard. Rec. 27: 233. 1938 (dir. Leipzig 1852 (not 1851) 1866).

Gray, A., Amer. J. Sci. ser. 2. 45: 123. 1868 (d.).

Jessen, K. F. W., Bot. Gegenw. Vorz. 377, 447. 1864.

Kalkman, C. & P. Smit, eds., Blumea 25: 103. 1979.

Kuhn, M., Filic. Afr. 1868 (TL-2/3984) ("... ex reliquiis Mettenius adaucta.").

Merrill, E. D., Bernice P. Bishop Mus. Bull. 144: 134-135. 1937 (Polyn. bibl.); Contr. natl. Herb. U.S. 30: 211. 1947.

Mettenius, C. (née Braun), Alexander Braun's Leben 1882 (several references to her husband).

Sachs, J. v., Hist. botanique 211, 453. 1892.

Schlechtendal, D. F. L. von, Bot. Zeit. 24: 276. 1866.

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Sirks, M. J., Ind. natuurond. 164. 1915.

Stearn, W. T., J. Soc. Bibl. nat. Hist. 4(6): 287-290. 1967 (pteridol. publ.).

Wittrock, V. B., Acta Horti Berg. 3(3): 145, *pl. 125*. 1905 (portr.).

COMPOSITE WORKS: (1) *Cryptogamae vasculares,* in Fenzl, *Reise Novara,* see TL-2/1: 1764.
(2) *Filices* and *Lycopodiaceae-Equisetaceae,* in Triana et Planchon, *Prodr. Fl. novogranat. 2*: 275-353. 1864, 2: 391-396. 1865 (Ann. Sci. nat. Bot. ser. 5. 2(4): 193-271. 1864, 3: 306-311. 1865).
(3) *Filicinae,* in A. Kanitz, *Pl. Tinn.* 59-60. 1868 (TL-2/3507).

NOTE: Cecilie Mettenius (née Braun, b. 17 Feb 1836) published a biography of her father Alexander Braun (Berlin 1882, viii, 706 p.) which is an important source for the history of German botany in the middle of the nineteenth century.

EPONYMY: *Metteniusa* H. Karsten (1860).

5877. *De Salvinia.* Dissertatio inauguralis quam consensu et auctoritate gratiosi medicorum ordinis heidelbegensis [sic] eruditorum examini submittit auctor . . . Francofurti ad Moenum (typis expressit J. F. Bayrhoffer) 1845. Qu. (*Salvinia*).
Publ.: 1845, p. [1]-20. *Copy*: NY.

Ref.: Anon., Flora 29: 601-608. 14 Oct 1846.

5878. *Beiträge zur Kenntniss der Rhizocarpeen* ... mit drei lithographirten Tafeln. Frankfurt am Main (In Commission in der S. Schmerber'schen Buchhandlung ...) 1846. Qu. (*Beitr. Rhizocarp.*).
Publ.: Jan 1846 (p. [v]: 1 Oct 1845; rd. Flora Jan 1846), p. [i-vi], [1]-65, *pl. 1-3* (uncol. liths. auct.). *Copies*: FI, FR, G, MO, PH, USDA.
Ref.: K. M., Bot. Zeit. 4: 692-695. 1850. Anon., Flora 29: 601-608. 14 Oct 1846.

5879. *Beiträge zur Botanik* ... Heft 1 ... Heidelberg (Akademische Buchhandlung von E. Mohr) 1850. Oct. † (*Beitr. Bot.*).
Publ.: Jan 1850 (Flora 14 Jan 1850; also rd. at Regensburg in Jan 1850), p. [1]-61, [1, cont.], *pl. 1-6* (uncol. liths.). *Copies*: BR, G, KNAW, NY, USDA.

5880. *Filices lechlerianae* chilenses ac peruanae, cura R. F. Hohenackeri editae, auctore G. Mettenius. Lipsiae [Leipzig] (Leopold Voss) 1856-1859. Oct. (*Fil. lechl.*).
Collector: Willibald Lechler (1814-1856); editor of the collections of Rudolf Friedrich Hohenacker (1798-1874).
Fasc. 1: Feb 1856 (TL-1) (BSbF Apr(?) 1856), p. [1]-30, *pl. 1-3* (uncol. liths.).
Fasc. 2: Jan 1859 (TL-1), p. [1]-38.
Copies: G, MO, NY, USDA; IDC 7227.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 14: 580-581. 1856.
Hooker, W. J., J. Bot. Kew Misc. 9: 32, 282-287. 1857.
Stearn, W. T., J. Soc. Bibl. nat. Hist. 4(6): 268. 1967.

5881. *Über einige Farngattungen* ... Frankfurt a.M. (Druck und Verlag von Heinrich Ludwig Brönner) 1857-1859, 6 parts. Qu. (*Farngatt.*).
Publ.: Reprinted from the Abhandlungen herausgegeben von der Senckenbergischen Naturforschenden Gesellschaft, Frankfurt a.M. The publication in the Abhandlungen antedates that of the separately paged reprints.

number	genus treated	vol. and page Abh.	*pl.*	dates Abh.	dates repr.	pages reprint
I	Polypodium	2(1): [1]-138	*1-3*	Oct 1856	Feb-Mar 1857	[i], [1]-138
II	Plagiogyria	2(2): [265]-275	*15*[=4]	Aug 1858	Sep 1859	[i], [1]-11
III	Pteris	2(2): 276-284	*16*[=5]	Aug 1858	Sep 1859	[i]-xi
IV	Phegopteris, Aspidium	2(2): [285]-420	*17-18*	Aug 1858	Sep 1859	[i], [1]-136
V	Cheilanthes	3(1): [47]-99	*3*[=1]	Sep 1859	Sep 1859	[1]-55
VI	Asplenium	3(1): [100]-254	*4-6*[=2-4]	Sep 1859	Sep 1859	56-210

Copies: (reprint): G. MO; (journal): US; IDC 1251.

5882. *Filices horti botanici lipsiensis*. Die Farne des botanischen Gartens zu Leipzig ... Leipzig (Verlag von Leopold Voss) 1856. Fol. (*Fil. hort. bot. Lips.*).
Publ.: Mai-Jun 1856 (TL-1) (BSbF post Jul 1856), p. [i-iii], [1]-135, *pl. 1-30* (uncol. liths.). *Copies*: G, MO, NY, U, US; IDC 1252.
Ref.: Anon., Flora 39: 464, 579-586. 1856.
Hooker, W. J., J. Bot. Kew Gard. Misc. 9: 283-287. 1857.
Schlechtendal, D. F. L. von, Bot. Zeit. 14: 696, 804-807. 1856.

5883. *Filices Novae Caledoniae* a cl. Vieillard collectae [Ann. Sci. nat.; Paris 1861] Oct.
Collector: Eugène Vieillard (1819-1896), French naval physician and plant collector.
Publ.: Jan 1861, p. [1]-37, *1 pl.* (uncol. lith.). *Copy*: NY. – Reprinted and to be cited from Ann. Sci. nat. Bot. ser. 4. 15(1): 55-91. 1861.

5884. *Über den Bau von Angiopteris* ... Leipzig (bei S. Hirzel) 1863. Oct. (*Angiopteris*).
Publ.: 1863, p. [i-ii], [501]-570, *pl. 1-10* (uncol. liths.). *Copy*: MO. – Reprinted, with special t.p., from Abh. Sächs. Ges. Wiss., mat.-phys. Cl. 6: 501-570, *pl. 1-10*.

5885. *Über die Hymenophyllaceae* . . . Leipzig (bei S. Hirzel) 1864. Oct. (*Hymenophyllaceae*).
Publ.: preprinted Sep-Nov 1864 (p. ii; printing completed 3 Sep 1864; Flora 14 Dec 1864; Hedwigia Nov 1864), p. [i-ii], 1-104, also: [403]-504, *pl. 1-5* (uncol. liths. auct.). *Copies*: G, MO, NY, US. – Preprinted with special t.p. from Abh. kön. sächs. Ges. Wiss., math.-phys. Cl. 7: 403-505, *pl. 1-5*. 1864.

Metz, Sister **Mary Clare** (1907-x), American botanist and nun at the Congregation of the Sisters of Divine Providence San Antonio, Texas; Ph. D. Cathol. Univ. Amer. 1934; later at Our Lady of the Lake College. (*Metz*).

HERBARIUM and TYPES: LCU and LLC; duplicates at DAO, DPU, GH, L, LD, LE, NY, TEX, WS, WTU.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 481 (b. 27 Jan 1907); BL 1: 216, 308; Bossert p. 265; IH 2: 532.

5886. *A flora of Bexar county*, Texas a dissertation submitted to the faculty of the graduate school of arts and sciences of the Catholic University of America in partial fulfillment of the requirements for the degree of doctor of philosophy. – Washington, D.C. (The Catholic University of America) 1934. Oct. (*Fl. Bexar*).
Publ.: Jul 1934 (US copy rd. 20 Jul 1934), p. [i*], [i]-xiii, 1-214, [215, vita], map. *Copies*: US, USDA.

Metzger, Johann (1789-1852), German botanist and gardener at Heidelberg; from 1851 director of the agricultural garden and college at Karlsruhe. (*Metzg.*).

HERBARIUM and TYPES: Some *Cerealia* at W.

BIBLIOGRAPHY ans BIOGRAPHY: AG 2(1): 682; Barnhart 2: 481; BM 3: 1294; Frank 3(Anh.): 64; Herder p. 466; Hortus 3: 1199 ("Metzg."); Jackson p. 297; Kew 3: 668; NI 1348; PR 6125-6129 (ed. 1: 6825-6831); Rehder 5: 568; Tucker 1: 481; Zander ed. 10, p. 691, ed. 11, p. 788.
Anon., Bot. Zeit. 10: 830. 1852; Flora 36: 32. 1853 (d. 15 Sep 1852); Gartenfl. 7: 360. 1858; Österr. bot. W. 1: 349. 1851 (app. Karlsruhe), 2: 406. 1852 (d. 15 Sep 1852; err. "Fr." Metzer).
Beck, G., Bot. Centralbl. 55: 294. 1893 (Cercalia at W).
Bergdolt, E., Karl von Goebel, ed. 2, 261 [index]. 1941.
Weech, Badische Biogr. 2: 76-77. (n.v.).

EPONYMY: : *Metzgeria* Raddi (1818) is dedicated to Giovanni Metzger, a copper engraver and restorer of old paintings, of Stauffen im Breisgau, a pupil of Raffaello Morghen. The same etymology holds for: *Metzgeriites* Steere (1947); *Metsgeriopsis* Goebel (1888); *Austrometzgeria* Kuwahara (1966); *Apometzgeria* Kuwahara (1966).

5887. *Europaische Cerealien.* In botanischer und landwirthschaftlicher Hinsicht bearbeitet . . . mit zwanzig lithographirten Tafeln. Heidelberg (In der Universitaets-Buchhandlung von C. F. Winter) 1824. Fol. (*Eur. Cereal.*).
Publ.: 1824 (Flora 21 Dec 1824; p. iv: Frühling 1824), p. [i]-viii, [1]-74, *pl. 1-20*. *Copy*: G. – 20 liths. of drawings by W. von Jenison.
Neue wohlfeile Ausgabe: s.d., p. [i]-viii, [1]-74, *pl. 1-20* (id.). *Copy*: MO. – Mannheim (Verlag von Heinrich Hoff).
Ref.: Anon., Flora 7: 752. 1824, 8: 550-553. 1825.

5888. *Systematische Beschreibung der kultivirten Kohlarten* mit ihren zahlreichen Spielarten, ihrer Kultur und ökonomischen Benutzung nach mehrjährigen Anbauungs-Versuchen . . . Mit Abbildungen. Heidelberg (Druck und Verlag von August Osswald) 1833. Oct. (*Syst. Beschr. Kohlart.*).
Publ.: 1833, p. [i, iii], [1]-68, *1 pl. Copies*: FI, G.

5889. *Die Getreidearten und Wiesengräser* in botanischer und ökonomischer Hinsicht bearbei-

tet ... Heidelberg (Akademische Verlagsbuchhandlung von C. J. Winter) 1841. Oct. (*Getreideart. Wiesengräs.*).
Publ.: 1841 (p. iv: Jan 1841), p. [i-iv], [1]-254, [255-256]. *Copies*: LD (inf. O. Almborn), Württ. Landesbibl. Stuttgart (inf. S. Seybold).

5890. *Landwirthschaftliche Pflanzenkunde*, oder praktische Anleitung zur Kenntniss und zum Anbau der für Oekonomie und Handel wichtigen Gewäche ... Heidelberg (Akademische Verlagsbuchhandlung von C. F. Winter) 1841, 2 parts. Oct. (*Landw. Pfl.-k.*).
Abth. 1: Jan-Feb 1841 (p. xiv: Sep 1840; Flora 5 Jan-9 Mar 1841).
Abth. 2: 1841, p. [i-iii], [583]-1153, [1154-1156].
Copies: GOET, NY.

Metzler, Jakob Adolf ("H") (1812-1883), German banker, landowner and cryptogamist at Frankfurt a. M. (*Metzl.*).

HERBARIUM and TYPES: FR; other material at B, GZU and L.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 481; BM 3: 1294; CSP 8: 388; DTS 1: 384; GR p. 31, *pl.* [*18*], cat. p. 68; Hawksworth p. 184; IH 2: 532; LS 1455; SBC 80: 127; Urban-Berl. p. 307.
Bogge, H. & J. A. Metzler, Ber. oberrhein. Ges. Naturk. Giessen, Aug 1865, p. 82-95 (Flechtenflora von Frankfurt a.M.).
Conert, H. J., Senckenbergiana, Biologica 48(C): 25-26, 31. 1967.
Knoblauch, A., Ber. Senckenb. naturf. Ges. Frankfurt 48: 50-51. 1919 (b. 1812; "Secktionär" for cryptogamic botany at FR 1870-1883; lichen coll. 200 fasc.).

EPONYMY: *Metzlerella* I. Hagen (1915); *Metzleria* W. P. Schimper ex Milde (1869).

Meulenhoff, J. S. (1867-1936), Dutch mycologist; president of the Nederlandse mycologische Vereniging 1919-1933 (*Meulenhoff*).

HERBARIUM and TYPES: Some fungi (coll. 1912-1920) in L.

BIBLIOGRAPHY and BIOGRAPHY: IH 2: 532; JW 1: 446, 2: 197.
Meulemeester, Fungus 5: 2-5. 1934 (portr.), 7: 65-66. 1936 (portr.).

5891. *Lijst van in Nederland gevonden hoogere zwammen* (Basidiomycetae) uitgegeven door de Nederlandsche mycologische Vereeniging ... Zwolle (by de Erven J. J. Tijl) 1918. Oct. (*Lijst hoogere zwammen*).
Co-Author: Catharina Cool (1874-1928).
Publ.: 1918 (preface: complete up to 1 Jan 1918), p. [1]-55. *Copy*: USDA.

Meunier, Alphonse F. (1857-1918), Belgian algologist. (*Meunier*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 7: 831, 3: 1294; 17: 190-191; Kew 3: 668; Tucker 1: 481.
Cupp, E. E., Mar. plankton diat. W. Coast N. Amer. 1943, p. 218.
Evens, F. M. J. C., Gesch. algol. Belgie 182. 1944.
VanLandingham, S. L., Cat. diat. 6: 3569. 1978, 7: 4205. 1978.

Meurer, Franz Ferdinand (1809-1882), German lawyer, administrator, Regierungsrat, entomologist and botanist at Rudolstadt. (*F. Meurer*).

HERBARIUM and TYPES: Material in herb. Röll. (bryol.), at B.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 482.
Koeppen, F., Irmischia 2: 41-43. 1882 (b. 1809) (mentions mss. Flora von Schwarzburg ...).
Roll, J., Irmischia 2: 28. 1882 (d. 25 Jan 1882).

Meurer, Pfarrer (*fl.* 1848), German clergyman and botanist; high school teacher at Rinteln. (*Meurer*).

HERBARIUM and TYPES: Unknown.

Note: Nothing is known to us about Pfarrer (clergyman) Meurer beyond the details given here. He should not be confused with the Thüringian F. F. Meurer (1809-1882), treated above.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1295; PR 6130; Rehder 1: 382.

5892. Jahresbericht über das kurfürstl. Gymnasium zu Rinteln womit der am 10., 11. und 12. April Statt findenden Prüfungen und Schulfeierlichkeiten ergebenst einladet Dr. Heinrich August Schiek, ... 1. Abhandlung des ordentl. Gymnasiallehrers Pf. Meurer: *Beiträge zur Übersicht der Kurhessischen Flora.* a. Die Gefässpflanzen der Umgegend von Hofgeismar; b. Nachträge zu Hoyer's Flora der Graffschaft Schaumburg. 2. Schulnachrichten ... Rinteln (Druck von C. Bösendahl) 1848. Qu. (*Beitr. Kurhess. Fl.*).
Publ.: 1 Mar-9 Apr 1848 (p. iv: Feb 1848, publ. before 10 Apr), p. [i]-iv, [5]-24. (Schulnachrichten p. 25-40). *Copies*: B-S, MO.

Meurling, Petrus (*fl.* 1820), Swedish physician. (*Meurling*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1295.

5893. *De Vegetatione Scaniae dissertatio.* Quam venia ampl. fac. phil. Lund. publice examinandam proponunt Mag. Joh. Forsander & Petrus Meurling. Smolandi. In Academia Carolina d. xix Dec mdcccxx. Lundae [Lund] (ex Officina Berlingiana) 1820 Qu. (*Veg. Scan.*).
Co-author: Johann Forsander (1795-1866), Swedish high school teacher; senior author. The publication is attributed to Forsander by Krok; Meurling was probably merely a codefendent. See KR p. 191-192.
Publ.: 19 Dec 1820, p. [1]-16. *Copies*: G(2).

Meusel, Hermann (1909-x), German botanist at Halle; Dr. phil. Halle 1935 (student of W. Troll); assistant Bot. Inst. Halle 1935-1947; professor of botany ib. 1947 (ord. 1952); Nationalpreis DDR 1966; specially interested in the chorology of the eurasiatic flora. (*Meusel*).

HERBARIUM and TYPES: HAL.

BIBLIOGRAPHY and BIOGRAPHY: BFM p. 303; GR p. 121; Kew 3: 668-669; Roon p. 77; TL-2/2571.
Bauer, L., Arch. Naturgesch. Landschaftsforsch. 15: 3-4. 1975.
Schubert, R., Flora 168: 429-430. 1979 (portr., b. 2 Nov 1909).

NOTE: For Meusel, H., Jäger, E. und Weinert, E., *Vergleichende Chorologie der zentraleuropäischen Flora,* erster Teil, Jena 1965, see e.g. Markgraf, F., Bot. Jahrb. 87(Lit.): 4-5. 1967. Volume 2 was published 1978, see G. Wagenitz, Taxon 28: 657. 1979. The book continues his *Vergleichende Arealkunde,* 2 vols., Berlin 1943 (see e.g. L. Diels, Bot. Jahrb. 74(Lit.): 9-10. 1949).

Mexia, Ynes Enriquetta Julietta (1870-1938), American botanical explorer (of Mexican descent) of Alaska and Latin America. (*Mexia*).

HERBARIUM and TYPES: UC. – Duplicates of collections widely distributed; see IH (total number of specimens collected about 150.000; ca. 9300 species). Records of the collections, letters and information about the Mexia family are in the Bancroft Library, Univ. Calif., Berkeley.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 482 (b. 24 Mai 1870, d. 12 Jul 1938); BJI 2: 116; Clokie p. 211; IH 1(ed. 6): 361, 2: 532; PH 209.
Anon., Madroño 4(2): 71-72. 1937 (trip Andes), 4(7): 238. 1938 (id. Mexico).
Bracelin, H. P., Madroño 3(4): 174-176. 1935 (itin.), 4(8): 273-275. 1938 (biogr., portr., list exped.).
Cantelow, E. D. & H. C., Leafl. W. Bot. 8: 95-96. 1957 (b. 24 Mai 1870, d. 12 Jul 1938, granddaughter of José Antonio Mexia; Mrs. Augustin A. de Reygadas).
Carter, A., Madroño 23(3): 163-164. 1975 (note on Nina Floy Perry (Mrs. H. P. Bracelin) and her rôle in distributing M's plants).
Ewan, J., *in* Cent. Progr. nat. Sci. 56. 1955.
Ewan, J. et al., Short hist. bot. U.S. 20. 1969.
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 110. 1970.
Hultén, E., Bot. Not. 1940: 293, 335-336. 1940 (Alaskan itin.).
Knobloch, I. W., Plant coll. N. Mexico 43-44. 1979.
McVaugh, R., Contr. Univ. Mich. herb. 9: 283. 1972 (Mexican itin.).
Mexia, Y., Madroño 1: 227-238. 1929 (trip Mexico).
Prance, G., Acta amaz. 1(1): 46. 1971 (itin., Brazil).
Steere, W. C., Bot. Rev. 43: 292, 336. 1977 (bryol.).
Verdoorn, F., Chron. bot. 4(4/5): 438. 1938.

EPONYMY: *Mexianthus* B. L. Robinson (1928).

Meyen, Franz Julius Ferdinand (1804-1840), Prussian physician and botanist; Dr. med. Berlin 1826; travelled around the world with W. Wendt on the Prinzess Luise (1830-1832); Dr. phil. h.c. Bonn 1834; professor of botany at the University of Berlin. (*Meyen*).

HERBARIUM and TYPES: Meyen's herbarium, mainly consisting of the authentic material of his trip around the world, was acquired by B in 1842. The herbarium consisted of 2188 specimens, said by Urban to represent 1353 species. This herbarium now being lost, the most important extant sets of Meyen specimens seem to be at BR, CAS, CGE, K and L; the important set at KIEL is also lost. Some bryophytes are at BM.

NOTE: "Zijn arbeid is, ook onder ons, op hoogen prys gesteld. Zijne werkzaamheid en echt Duitsche vlijt grensden schier aan het onmogelijke en ongeloofelijke. Zijn aanzijn was een merkwaardig verschijnsel, een voorbeeld ter navolging en ter waarschuwing" (De Vriese).

BIBLIOGRAPHY and BIOGRAPHY: ADB 21: 549-553; AG 2(2): 309; Ainsworth p. 314, 345; Backer p. 368; Barnhart 2: 482; BM 3: 1297, 7: 833; Bossert p. 265; Bret. p. 302; Cesati p. 266; CSP 4: 357-359, 8: 391; De Toni 1: lxxxiv; DSB 9: 344-345 (by H. Querner); Frank 3(Anh.): 64; GR p. 31-32, cat. p. 68; Hawksworth p. 184; Herder p. 466; Hortus 3: 1199 ("Meyen"); IF p. 719; IH 2: 532; Jackson p. 68, 69, 102, 193, 222, 224, 503; Kew 3: 669-670; KR p. 502; Langman p. 502; Lasègue p. 384, 502, 521; LS 17758-17765; Moebius p. 453 [index]; MW p. 319; NI 1352-1353; Nordstedt p. 23; PR 6132-6143 (ed. 1: 6834-6849); Ratzeburg p. 352-356; Rehder p. 568-569; RS p. 118; SBC p. 127 ("Meyen"); SK 1: 358; Stevenson p. 1250; TL-1/833; Tl-2/1: see Grisebach, A. H. R.; Tucker 1: 482; Urban-Berl. p. 267, 271, 279, 289, 308, 374; Zander ed. 10, p. 692, ed. 11, p. 789 (b. 28 Jun 1804, d. 2 Sep 1840).
Anon., Bot. Not. 1840: 211. (d. 1 Sep 1836); Flora 23: 544. 1840 (d. 1/2 Sep 1840).
Embacher, F., Lexik. Reisen 206. 1882.
Ewan, J. et al., Short hist. bot. U.S. 116. 1969.
Forbes, R. J., ed., Martinus van Marum 1: 330. 1969, 3: 32. 1971.
Herrera, F. L., Estud. Fl. Cuzco 9. 1930.
Hoffman, P. et al., Wiss. Z. Humb. Univ. Berlin, Math.-Nat. 14: 804. 1965.
Howell, J. T., Leafl. W. Bot. 7(3): 96-97. 1953 (pl. CAS).
Kalkman, C. & P. Smit. eds., Blumea 25: 66. 1979.
Lloyd, F. E., Carniv. pl. 351 [index]. 1942.
Mägdefrau, K., Gesch. Bot. 312 [index]. 1973 (portr.).
Merrill, E. D., Contr. U.S. natl. Herb. 30: 211. 1947.
Murray, G., Hist. coll. BM(NH) 1: 168. 1904 (Bryoph. BM).
Nees von Esenbeck, C. G., Letters to Miquel, Utrecht, of 24 Apr 1843 (announces

"Meyen's Nachlass"), 8 Mai 1943 (vol. 19 suppl. 1 of Nova Acta not yet out), 23 Mar 1844 (sends 19 suppl. 1 "verspätet" ... "überhäuft") (letters at U).
Nissen, C., Zool. Buchill. 282. 1969.
Poggendorff, J. C., Biogr.-lit. Handw.-Buch 2: 133. 1858, 3: 907. 1898 (b. 28 Jun 1804, d. 2 Sep 1840).
Ratzeburg, J. T. C., Nova Acta Acad. Leop. 19: xii-xxxii. 1843 (bibl.), also in Meyen, J. F. J., Reise um die Erde 4: xiii-xxxii. 1843 (biogr., d. 1/2 Sep 1840; bibl.).
Reiche, K., Grundz. Pfl.-Verbr. Chile 11-12. 1907.
Sachs, J., Gesch. Bot. 308-315. 1875; Hist. botanique 583 [index]. 1892.
Schmid, G., Chamisso als Naturforscher 1942, p. 170, nos. 248, 264.
Urban, I., Fl. bras. 1(1): 61-63. 1906 (biogr., itin., biogr. refs.; b. 28 Jun 1804, d. 2 Sep 1840).
Vriese, W. H. de, Herinneringen aan Franz Julius Ferdinand Meyen. Amsterdam 1840, 38 p., also Tydschr. Geneesk. Physiol. 8(2): 3-38. 1841.
Weberbauer, A., Pfl.-Welt peruan. Anden 9-10. 1911 (Veg. Erde 12).
Whetzel, H. H., Hist. phytopath. 38. 1918 (portr.).
Wood, R. D., Monogr. Charac. 1: 826. 1965.

NOTE: Meyen was a Baltic German; he was born in Tilsit, Eastern Prussia (now Sovetsk, USSR) and educated in Tilsit, Memel and Berlin. After practicing as physician in the Charité hospital of Berlin 1826/27, he served as military physician in Köln, Bonn, Potsdam and Berlin before going on the voyage around the world on the *Prinzessin Luise* as ship's physician. A good contemporary account is given by Ratzeburg (1843).

EPONYMY: *Meyenia* C. G. D. Nees (1832); *Meyenia* Backeberg (1931). *Note*: *Meyenites* Unger (1842) and *Meyenia* Schlechtendal (1833), probably also commemorate Meyen but the authors give no derivation.

5894. *Grundriss der Pflanzengeographie* mit ausführlichen Untersuchungen über das Vaterland, den Anbau und den Nutzen der vorzüglichsten Culturpflanzen, welche den Wohlstand der Völker begründen ... Berlin (Maude und Spenersche Buchhandlung (S. J. Joseephy)). 1836. Oct. (*Grundr. Pfl.-Geogr.*).
Publ.: 1836, p. [i]-x, [1]-478. *Copy*: MO.
English: 1846, p. [i]-x, [1]-422. *Copies*: MO, US. – "*Outlines of the geography of plants*: with particular enquiries concerning the native country, the culture, and the uses of the principal cultivated plants on which the prosperity of nations is based ..." translated by Margaret Johnston. London (printed for the Ray Society) 1846. Oct.
Swedish: 1841, viii, 308 and 127 p., n.v., see KR (p. 702) "*Utkast till växt-geografien* ...", translation by Gustaf Torssell (1811-1849).

5895. F. J. F. Meyenii *Observationes botanicas* in itinere circum terram institutas. Opus posthumum, sociorum Academiae curis suppletum. Cum tabulis xiii. Vratislaviae et Bonnae [Breslau and Bonn] 1843. Qu. (*Observ. bot.*).
Publ.: Nov Acta Leopoldina 17, suppl. 2 (is at the same time vol. 19, suppl. 1); counts as Theil 4 of *Reise um die Erde* (see e.g. BM 3: 1297). *Date*: Dec 1843 (forwarded from Breslau to Nees on 13 Dec 1843 (PAW); Nees sent a copy to Miquel on 23 Mar 1844 with excuses for the delay), p. [xiii]-xxxii (Meyen's Lebenslauf, by J. T. C. Ratzeburg), p. [ix]-xxxii, [1]-512, *pl. 1-13* (partly col. and uncol. liths.). *Copies*: FI, NY, U, USDA; IDC 6064/5227. – German title: *Beiträge zur Botanik* gesammelt auf einer Reise um die Erde ..."
Collaborators: Julius Christian Gottlieb Ulrich Flotow (1788-1856), lichenes (with Meyen); Ignaz Goldmann (1810-1848), filices; Carl Moritz Gottsche (1808-1892), Carl Johann Lindeberg (1815-1900) and Nees von Esenbeck, Hepaticae; August Heinrich Rudolph Grisebach (1814-1879), Gentianaceae; Johann Friedrich Klotzsch (1805-1860) fungi; Christian Gottfried Daniel Nees von Esenbeck (1776-1858); Johann Conrad Schauer (1813-1848), Apocynaceae, Asclepiadaceae; Wilhelm Gerhard Walpers (1816-1853), Compositae, e.a.; Julius Rudolph Theodor Vogel (1812-1841), Leguminosae.
Additional botanical information was contained in footnotes of parts 1 and 2 of Meyen's *Reise um die Erde*, Berlin 1834, 1835 (Theil 1: 25-31 Mai 1834, Theil 2: 18-23 Aug 1834). Theil 3 contained zoology. Theil 4 is the above botanical treatment.
Ref.: Anon., Bot. Zeit. 2: 793. 1844.

Meyer, Adolf (1868-?), German botanist and pharmacist; Dr. phil. Heidelberg 1897. (*Ad. Mey.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 482; Herder p. 409.
Meyer, Ad., Beitr. Anat. Artocarp. p. [42, vita], (b. 5 Jul 1868).

5896. *Beiträge zur Anatomie der Artocarpeen.* Inaugural-Dissertation zur Erlangung der Doktorwürde vorgelegt einer hohen naturwissenschaftlichen-mathematischen Facultät der Ruprecht-Karls-Universität zu Heidelberg ... Darmstadt (Druck der L. C. Wittich'schen Hofbuchdruckerei) 1897. Oct. (*Beitr. Anat. Artocarp.*).
Publ.: 1897 (LC rd. 14 Feb 1898), p. [i], [1]-41, [42, vita], *1 pl. Copy*: US.

Meyer, Albert (*fl.* 1884), German botanist from Müllrose; Dr. phil. Marburg 1884. (*Alb. Mey.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1298; Herder p. 323.

5897. *Beiträge zur vergleichenden Anatomie der Ranunculaceen.* Inaugural-Dissertation zur Erlangung der Doctorwürde bei hoher philosophischen Fakultät zu Marburg ... Marburg (Universitäts-Buchdruckerei (R. Friedrich)). 1884. Oct. (*Beitr. Anat. Ranunc.*).
Publ.: 1884 (LC rd. Feb 1885), p. [i*], [i]-vi, [3]-50, *1 pl. Copy*: US.

Meyer, August (*fl.* 1872), German botanist at Oldenburg. (*Aug. Mey.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Jackson p. 308; Rehder 1: 386; Tucker 1: 482.

5898. *Excursionsflora des Grossherzogthums Oldenburg.* Ein Taschenbuch zu botanischen Excursionen für Schulen und zum Selbstbestimmen nach der analytischen Methode ... Oldenburg (Druck und Verlag der Schulze'schen Buchhandlung (C. Berndt & A. Schwartz.)) 1872. Oct. (*Excurs.-Fl. Oldenburg*).
Publ.: Jun-Nov 1872 (p. viii: Mai 1872; J. Bot. Jan 1873; Bot. Zeit. 6 Dec 1872), p. [i]-xlv, [1]-565, [566, err.]. *Copy*: B.

Meyer, Bernhard (1767-1836), German botanist and ornithologist in the Wetterau; 1791-1796 practicing physician at Hanau; from 1796 pharmacist and dentist at Offenbach. (*B. Mey.*).

HERBARIUM and TYPES: FR (donated 1826); further material at JE.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 482 (b. 24 Aug 1767, d. 1 Jan 1836); BM 3: 1298-1299; CSP 4: 360; Dawson p. 608; DTS 1: 189; Frank 3(Anh.): 64; GR, cat. p. 68; Herder p. 183; Hortus 3: 1199 ("B. Mey."); IH 2: 533; PR (alph.) (ed. 1: 6856 (see note)); TL-2/1: 1926; Tucker 1: 482.
Anon., Ber. Senckenb. naturf. Ges. 48: 51. 1919 (b. 24 Aug 1767, d. 1 Jan 1836); Flora 19: 111-112. 1836 (obit.), 19(2) Int. Bl. 32: 14. 1836 (sale herb.).
Conert, H. J., Senckenbergiana Biol. 48(C): 12. 1967.
Knoblauch, A., Ber. Senckenb. naturf. Ges. 48: 51. 1919 (b. 24 Aug 1767, d. 1 Jan 1836).
Sayre, G., Bryologist 80: 513. 1977 (Bryoph. FR).

COMPOSITE WORKS: see TL-2/1: 1926 for Gaertner, Meyer and Scherbius, Oekon. Fl. Wetterau (1799-1802).

Meyer, Carl Anton von [Karl Anton; Carl Andreevič] (1795-1855), Russian botanist and explorer; studied at Dorpat, 1813-1814; in the Crimea 1818, in the Baltic area 1821-

1824; in the Altai with Ledebour and Bunge 1826-1827; in the Caucasus 1829-1830; assistant (1832-1850) and director (1850-1855) of the botanical garden of St. Petersburg. (*C. A. Mey.*).

HERBARIUM and TYPES: LE; duplicates see IH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 482; BM 3: 1299; Bret. p. 622; Clokie p. 211; CSP 4: 360-361, 8: 392, 17: 201; Frank 3(Anh.): 64; Herder p. 466 [index]; Hortus 3: 1199 ("Mey., C. A."); IF p. 719; IH 2: 533; Jackson p. 122, 140, 192, 326, 327, 443; Kew 3: 670; Langman p. 502-503; Lasègue p. 332, 338-341, 419, 422; Lenley p. 290; LS 17771-17772; ME 3: 422-423; MW p. 319-320, suppl. p. 227; NI 629 (Fischer, F. E. L. von); PR 6176-6185 (ed. 1: 6884-6891); Rehder 5: 570; TL-1/366, 654; TL-2/1: 635, 1652, 1785-1788, 4283; TR 888-917; Tucker 1: 482-483; Urban-Berl. p. 375; Zander ed. 10, p. 691, ed. 11, p. 750, 788.

Anon., Bonplandia 2: 137. 1855 (foreign. memb. Linn. Soc.), 3: 94. 1855 (d.), 6: 337. 1858 (cogn. Leopoldina: Trinius); Bot. Not. 1858: 13 (d. 24 Feb 1855); Bot. Zeit. 13: 374-375. 1855; Bull. Soc. bot. France 2: 140. 1855; Flora 38: 160. 1855; Österr. bot. W. 5: 119. 1855 (d.).
Bell, Proc. Linn. Soc. 2: 302-304. 1855.
Borodin, J., Trav. Mus. bot. Acad. St. Pétersb. 4: 76-77. 1908.
Bourdeille de Montrésor, Bull. Soc. imp. Natural. Moscou ser. 2. 7: 425, 495-496. 1894, 14: 496. 1900.
Candolle, Alph. de, Phytographie 433. 1880 (herb. LE).
Fischer, F. E. L. v., *in* W. J. Hooker, London J. Bot. 3: 271-273. 1844.
Herder, F. v., Bot. Jahrb. 9: 432, 442. 1888; Bot. Centralbl. 55: 261. 1893 (herb. at LE).
Jackson, B. D., Bull. misc. Inf. Kew 1901: 45 (pl. K).
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COMPOSITE WORKS: (1) see Ledebour, C. F. von, *Reise durch das Altai-Gebirge.*
(2) Co-author, C. F. von Ledebour, *Flora altaica* (1829-1833), see TL-2/2: 4283.
(3) with A. G. H. Bongard, *Verz. Saisang-nor Pfl.*, see TL-2/1: 635; was published Jun 1841, fide Ricker (1908).
(4) with E. R. v. Trautvetter, *Florula ochotensis phaenogama*, in A. Th. v. Middendorff, *Reise in den äussersten Norden und Osten Sibiriens* 1(2), 1856. See under Trautvetter.
(5) Editor, *Beiträge zur Pflanzenkunde des Russischen Reiches*, 1-11, 1844-1859; Beiträge by various authors.
(6) Co-author, with F. E. L. von Fischer and E. A. von Regel, *Sert. petrop.*, see TL-2/1788. Correction: Decas 1, 1846 is by F. E. L. Fischer and C. A. Meyer. *Copy*: BR.
Copy of decas 1 and 2 at NY, *decas 1*: 1846, p. [i-x], 1 plan, *pl. 1-10* (with text), *decas 2*: 1852, p. [i-v], 7 pl. architect. drawings, *10 pl.* (col.; with text).

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EPONYMY: *Meyeria* A. P. de Candolle (1836) was dedicated to him and to four of his namesakes, see below under Ernst Heinrich Friedrich Meyer (1791-1858).

5899. *Novae plantarum species*, descriptae et iconibus illustratae auctore D. C. A. Meyer [Moskwa 1829]. Oct. (*Nov. pl. sp.*).
Publ.: 1829 (reprint not dated; 1829 is year of publication in journal), p. [i], [1]-7, *pl. 3-4.*

Copies: FI, G(2), MO. – Reprinted from Nouv. Mém. Soc. Natural. Moscou 1(7): 135-143. 1829.

5900. *Cyperaceae novae* descriptionibus et iconibus illustratae [St. Pétersbourg (Académie impériale des sciences) 1831]. Qu. (*Cyperac. nov.*).
Publ.: 1831, p. [1]-36, *pl. 1-14*. *Copy*: G (no plates). Reprinted from Mém. Acad. Sci. St. Pétersbourg divers Savants 1: 195-230, *pl. 1-14*. 1831. Review: D. F. L. von Schlechtendal (or Chamisso), Linnaea, Litt.-Ber. 1832: 57-62.

5901. *Verzeichniss der Pflanzen*, welche während der, auf Allerhöchsten Befehl, in den Jahren 1829 und 1830 unternommenen Reise im Caucasus und in den Provinzen am westlichen Ufer *des Caspischen Meeres* gefunden und eingesammelt worden sind. Bericht, abgestattet an die kaiserliche Academie der Wissenschaften in St. Petersburg, in ihrer Sitzung vom 30 März (11 April) 1831 vom Dr. Carl Anton Meyer. St.-Petersburg (Gedruckt in der Buchdruckerei der kaiserl. Akademie der Wissenschaften) 1831. Qu. (*Verz. Pfl. Casp. Meer.*).
Publ.: Nov-Dec 1831 (printed Nov 1831; t.p. 1831), p. [1]-241. *Copies*: FI, G(2), H, MO, NY; IDC 723.

5902. *Bemerkungen über einige Hymenobrychis-Arten* ... St. Petersburg (gedruckt bei der kais. Academie der Wissenschaften) 1837. Qu. (*Bemerk. Hymenobrychis*).
Publ.: 1837 (t.p.), p. [i], [1]-11. *Copies*: FI, G. – Reprinted from Mém. Acad. imp. St. Pétersbourg, divers Savants 3: 637-648. 1837, see also Bull. Acad. Sci. St. Pétersbourg 2: 33-37. 1837.

5903. *Einige Bemerkungen ueber die natürliche Familie der Polygonaceae.* Erster Artikel Versuch einer naturgetreuen Anordnung der Gattungen dieser Familie ... St. Pétersbourg (In der Buchdruckerei der Kaiserlichen Akademie der Wissenschaften) 1840. Qu. (*Bem. Polygon.*).
Publ.: Nov 1840 (fide Ricker 1908), p. [i], [1]-17, *1 pl.* (uncol. lith. auth.). *Copies*: FI, G. WU. – Reprinted from Mém. Acad. imp. Sci. St. Pétersbourg, Sci. math. 6(2): 135-151. 1840.

5904. Das *Alyssum minutum* und die zunaechst verwandten Arten, monographisch bearbeitet und durch Abbildungen erlaeutert; nebst einer Uebersicht der Arten der Gattung Psilonema ... St. Pétersbourg (in der Buchdruckerei der kaiserlichen Akademie der Wissenschaften) 1840. Qu. (*Alyssum minutum*).
Publ.: Nov 1840 (fide Ricker 1908), p. [i], [1]-22, *pl. 1-2* (uncol. liths. auct.). *Copies*: FI, G. – Reprinted from Mém. Acad. imp. Sci. St. Pétersbourg, Sci. nat. 6(2): 1-22. 1840.

5905. *Einige Bemerkungen über den Bau der Cruciferen* ... [St. Petersburg 1842]. Oct.
Publ.: 1842 (in journal; submitted 27 Aug 1841), p. [1]-6. *Copy*: G. – Reprinted and to be cited from Bull. Sci. Acad. St. Pétersbourg 9: 209-212. 1842.

5906. *Bemerkungen über die Gattungen der Daphnaceen* ohne perigynische Schuppen, nebst einer Charakteristik derselben ... [St. Petersburg 1843]. Oct.
Publ.: 1843 (submitted 17 Feb 1843), p. [1]-9. *Copy*: G. – Reprinted and to be cited from Bull. phys. math. Acad. St. Pétersbourg 1: 353-359. 1843.

5907. *Die Gattungen Monolepis* Schrad., *Oligandra* Less. und *Nanophytum* Less. näher characterisirt, ... [St. Pétersbourg 1844]. Oct.
Publ.: 1844 (in journal unless the part of the volume was published 1843), p. [1]-7. *Copy*: G. – Reprinted and to be cited from Bull. phys.-mat. Acad. St. Pétersbourg 2: 129-134. 1844.

5908. *Florula provinciae Tambov*, oder Verzeichniss der, im Gouvernement Tambow beobachteten Pflanzen ... [St. Petersburg (Druck und Verlag der kaiserlichen Akademie der Wissenschaften) 1844]. Oct. (*Fl. Tambov*).
Orig.: 1844 (p. xvii: 23 Aug 1844; Bot. Zeit. 14 Mar 1845), p. [i]-viii, [1]-30. – Beitr. Pfl.-K. Russ. Reiches 1, 1844.
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5909. *Beiträge zur Pflanzenkunde des Russischen Reiches* ... St. Pétersbourg (Druck und Verlag der kaiserlichen Akademie der Wissenschaften) 1844-1859, fasc. 1-11. (*Beitr. Pfl.-K. Russ. Reiches*).
Publ.: collective work; treatments to be cited under respective authors. *Copy*: U.

1: Sep-Dec 1844 (p. xvii: 23 Aug 1844 o.s.), p. [ii]-xvii, [1]-30. – C. A. Meyer, *Florul. Tambov* 1844, q.v.
2: 1845, p. [ii-vii], [1]-67, *pl. 1-6* (uncol. liths. J. Satory). – F. J. Ruprecht, *Fl. Samojed. Cisural.* 1845, q.v.
3: Jul 1845 (p. 1), p. [ii-iii], [1]-56. – F. J. Ruprecht, *Distr. crypt. vasc.* 1845, q.v.
4: Nov 1845 (p. 1), p. [ii-iii], [1]-93. – F. J. Ruprecht, *Hist. stirp. fl. petrop. diatr.* 1845, q.v.
5: Jan-Sep 1848 (Bot. Zeit. 13 Oct 1848), p. [ii-iii], [1]-78, [1, err.], *1 pl.* (uncol. lith.). – C. A. Meyer, *Florul. Wiatka* 1848, q.v.
6: Jul-Oct 1849 (imprimatur Jun 1849), p. [ii-iii], [1]-62. – C. A. Meyer, *Verz. Caucasus Pfl.* 1849, 1849, q.v.
7: 1850, p. [ii-iii], [1]-84. – F. J. Ruprecht, *Verbr. Pfl. nördl. Ural* 1850, q.v. – Also published in part in Bull. phys.-mat. Acad. Sci. St. Pétersb. 9(18, 19) and in Mélanges biol. vol. 1.
8: 1851, p. [ii-iii], [1]-324. – Carl Claus, *Localfloren der Wolgagegenden* 1851.
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5910. *Über einige Cornus-Arten,* aus der Abtheilung Thelycrania ... St. Petersburg (Gedruckt bei der kaiserlichen Academie der Wissenschaften) 1845. Qu. (*Cornus-Arten*).
Publ.: 1845 (preprinted; Mar 1846 in journal, fide Ricker), p. [i], [1]-33. *Copies*: G, NY, WU. – Reprinted from Mém. Acad. imp. Sci. St. Pétersbourg, Sci. nat. 7(2): 191-223. Mar 1846. – See also Bull. Acad. Sci. St. Pétersbourg 3: 371-373. 1845 and Ann. Sci. nat., Bot. ser. 3. 4: 58-64. Jul, 65-74 Aug 1845, corresponds with p. 12-33 of German version.

5911. *Versuch einer Monographie der Gattung Ephedra,* durch Abbildungen erläutert ... St. Petersburg (Druckerei der kaiserlichen Akademie der Wissenschaften) 1846. Qu. (*Vers. Monogr. Ephedra*).
Publ.: Mar 1846 (fide Ricker 1908; t.p. reprint 1846; Bot. Zeit. 6 Nov 1846), p. [i], [35]-108, *pl. 1-8* (uncol. liths.). *Copies*: FI, G, H, M, MO, NY, USDA. – Pagination continued from reprint *Cornus-Arten*; reprinted from Mém. Acad. imp. Sci. St. Pétersbourg, Sci. nat. 7(2): 225-298. Mar 1846. See also Bull. Acad. Sci. St. Pétersbourg 5: 33-36. 1847 (see below).
Ref: Schlechtendal, D. F. L. von, Bot. Zeit. 4: 775-776. 6 Nov 1846.

5912. *Versuch einer Monographie der Gattung Ephedra* [abstract] durch Abbildungen erläutert ... [St. Petersburg] 1847. Oct.
Publ.: 1846 (read 10 Oct 1845; published in part 3 of journal for, possibly, 1846), p. [1]-4. *Copy*: G. – Reprinted and to be cited from Bull. phys. mat. Akad. St. Petersburg 5(3): 33-36. 1847(1846).

5913. *Über die Zimmtrosen,* insbesondere über die in Russland wildwachsenden Arten derselben. Ein Beitrag zu der Flora Russland's ... St. Petersburg 1847. Qu. (*Zimmtrosen*).
Publ.: 1847 (preprint; in journal: Mar 1849), p. [i], [1]-39. *Copies*: BR, G, MO, WU. – Preprinted from Mem. Acad. imp. Sci. St. Pétersbourg, Sci. nat. 8(2): 1-39. Mar 1849.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 7: 14. 5 Jan 1849.

5914. *Florula provinciae Wiatka,* oder Verzeichniss der, im Gouvernement Wiatka gesam-

melten Pflanzen . . . [St. Petersburg (Buchdruckerei der kaiserlichen Akademie der Wissenschaft) 1848] Oct. (*Fl. Wiatka*).
Publ.: Jan-Sep (Bot. Zeit. 13 Oct 1848), p. [ii-iii], [1]-78, [1], *1 pl. Copies*: FI, H, MO, NY, USDA. – Beitr. Pfl.-K. russ. Reich. 5, 1848.
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5915. *De Cirsiis ruthenicis* nonnullis commentatio botanica . . . Petropoli [St. Petersburg] (Typis Academiae scientiarum) 1848. Qu. (*Cirs. ruthen.*).
Publ.: 1848, (t.p. preprint; Bot. Zeit. 29 Dec 1848; in journal: Mar 1849 fide Ricker 1908), p. [i], [1]-18. *Copies*: FI, MO. – Preprinted from Mém. Acad. imp. St. Pétersbourg, Sci. nat. 7(2): 41-58. Mar 1849.

5916. *Verzeichniss der von* dem Herrn Dr. *Kolenati in dem mittlern Theile des Caucasus*, auf dem Kreuzberge dem Kasbek und in den zunächst gelegenen Gegenden *gesammelten Pflanzen* . . . [St. Petersburg (Buchdruckerei der Kaiserlichen Akademie der Wissenschaften) 1849]. Oct. (*Verz. Caucasus Pfl.*).
Publ.: Jul-Oct 1849 (imprimatur Jun 1849), p. [ii-iii], [1]-62. *Copies*: FI, H, MO, NY, USDA. – Beitr. Pfl.-K. russ. Reich. 6, 1849.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 7: 830. 23 Nov 1849.

5917. *Kleine Beiträge zur nähern Kenntniss der Flora Russlands* . . . St. Petersburg (Buchdruckerei der Kaiserl. Akademie der Wissenschaften) 1850. Qu. (*Beitr. Fl. Russl.*).
Publ.: 1850 (preprint t.p.; in journal: Nov 1855, fide Ricker 1908), p. [1]-24. *Copies*: G, H, MO. – Preprinted from Mem. Acad. Sci. St. Pétersbourg, Sci. nat. 9(2): 1-24. Nov 1855.

Meyer, Ernst Heinrich Friedrich (1791-1858), Prussian botanist; Dr. med. Göttingen 1819; lecturer Göttingen 1819-1826; from 1826 professor of botany and director of the botanical garden in Königsberg; Dr. phil.h.c. Königsberg 1829. (*E. Mey.*).

HERBARIUM and TYPES: Meyer was for the greater part of his career a professor at Königsberg (now Kaliningrad). The herbarium (19.000 species plus the Ehrhart exsiccata) was offered for sale in 1859. It was bought by the Gesellschaft zur Beförderung gemeinnütziger Tätigkeit at Lübeck in 1875. In 1915 the herbarium (24000 specimens) was transferred to Berlin (B); most of it is now destroyed. For the disposal of Meyer's library see Verdoorn (1965), p. 13-15. – The "Sammlung deutscher Flechten", announced by Flora (5: 253-256) was never issued.

BIBLIOGRAPHY and BIOGRAPHY: ADB 21: 565-569; AG 4: 224; Backer p. 369; Barnhart 2: 483; BFM 1624; BL 1: 137, 308; BM 3: 1300-1301; CSP 4: 361-362, 8: 392, 10: 791, 17: 202; Frank 3(Anh.): 64; GR p. 111; Herder p. 466 [index], Hortus 3: 1199 ("Mey., E. H."); IH 2: 533; Jackson p. 3, 21, 134, 346, 428; Kew 3: 671; Langman p. 503; Lasègue p. 183; LS 17777-17779; Moebius p. 3, 9, 13, 35, 153, 213, 304; MW p. 320; PH 59, 939; PR 6146-6165 (ed. 1: 6857-6873); Rehder 5: 569; RS p. 118-119; TL-1/834-835, 956, 1012; TL-2/1082, 1518, 4285, 4332; Tucker 1: 482; Urban-Berl. p. 375; Zander ed. 10, p. 691, ed. 11, p. 788.
Anon., Bonplandia 3: 32. 1855 (Leopoldina cogn. Hill), 6: 18. 1858 (ann. Alb. Magni de Veget. . . .), 241-242. 1858 (rev. *Gesch. Bot.*), 362. 1858 (b. 1 Jan 1791, d. 7 Aug 1858), 9: 38. 1861 (Jessen will continue *Gesch. Bot.*); Bot. Zeit. 16: 256. 1858, 17: 224, 296, 303. 1859 (sale herb. & libr.), 33: 583. 1875 (herb. bought); Bull. Soc. bot. France 5: 311, 672. 1859, 6: 384. 1859 (sale herb., libr.), 7: 542-543. 1861; Flora 9: 319. 1826 (to Königsberg) 41: 593. 1858; Österr. bot. Z. 8: 342. 1858 (d. 7 Aug 1858; heart disease).
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Sachs, J. v., Hist. botanique 168, 415, 576. 1892.
Schmid, G., Goethe u.d. Naturw. 613 [index]. 1940 (on relation Meyer-Goethe); Chamisso als Naturforscher 1942, nos. 66, 157, p. 10, 170.
Seemann, W. E. G., Bonplandia 6: 337, 362. 1858.
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Verdoorn, F., Ernst Meyer and his Geschichte der Botanik. Amsterdam 1965, 63 p., Communicationes Biohistoricae Ultrajectinae iv. Reprinted from Meyer, Gesch. Bot., facsimile ed. Amsterdam 1965, vol. 1 (Contains e.g. on p. 43-63 a Chronologia Meyeriana, an important list of original sources, notes on publications etc., portr., bibl.).
Wunschmann, E., Allg. deut. Biogr. 21: 565-569. 1885.

COMPOSITE WORKS: (1) see Lehmann, J. G. C., *Plantae Preissianae,* TL-2/4332. (*Junceae*).
(2) see Drège, J. F., *Zwei Pflanzengeogr. Dokum.,* TL-2/1518; p. 17-230 issued 14 Aug- 28 Dec 1843.
(3) see Ledebour, C. F. v., *Fl. ross.*, vol. 4, 1853, *Juncaceae,* TL-2/4285.
(4) see Patze, C. et al., *Fl. Prov. Preussen* [1848-]1850 (family and genera descriptions by Meyer).
(5) see Brown, R., *Vermischte botanische Schriften* TL-2/ 833); Jessen took part in the translation and added anotations. See Verdoorn (1965), p. 45 for background.
(6) see Pritzel, *Thesaurus,* ed. 2. – Jessen published fasc. 5-7 in 1877 from Pritzel's manuscript.
(7) see Pritzel and Jessen, *Die deutschen Volksnamen der Pflanzen.* Hannover. 1882-1884.
(8) Goethe, W., *Versuch über die Metamorphose der Pflanzen,* ed. 1831, edited by Fréd. Soret; several contributions by Meyer, see G. Schmid 1940 (no. 146).
(9) Pritzel, G. A., *Thesaurus,* ed. 1, 1851, is dedicated to seven colleagues who assisted Pritzel; among them was E. H. F. Meyer.
(10) see Presl, C. B., *Reliquiae haenkeanae,* vol. 1, 1825 (*Junceae*).
(11) Numerous reviews signed E. M. in GGA 1819-1827, in Flora and in Bot. Zeit.

EPONYMY: *Ernestia* A. P. de Candolle (1828); *Ernestimeyera* O. Kuntze (1903); *Meyeria* A. P. de Candolle (1836, collectively dedicated to Ernst Meyer and four of his namesakes: 1. Johann Meyer, whose identity we could not establish; *Meyera* Schreber (1791) the etymology of which is not given by Schreber, might commemorate him as well; 2. Friedrich Albrecht Anton Meyer (1769-1795, German botanist and entomologist; 3. Georg Friedrich Wilhelm Meyer (1782-1856), q.v.; 4. Carl Anton von Meyer (1795-1855), q.v.; *Pseudoernestia* (Cogniaux) Krasser (1893). *Note*: *Meyerafra* O. Kuntze (1891) is dedicated to Hans Heinrich Joseph Meyer (1858-?), German explorer and plant collector in Europe, Africa, Asia and North and South America, who was the first European to ascend the Kilimanjaro. *Meyerophytum* G. Schwantes (1927) is dedicated to G. Meyer, German missionary and botanical explorer in Namibia, about whom we have no further details. The etymology of *Meyera* Adanson (1763) is not explained by Adanson.

5918. *Junci generis monographiae specimen.* Dissertatio inauguralis quam gratiosi ordinis medicorum consensu pro summis in medicina honoribus rite obtinendis scripsit et defendet die [ ] mensis [ ] mdcccxix Ernestus Meyer hanoveranus. Gottingae [Göttingen] (typis J. C. Baier, typogr. academ.) [1819]. Oct. (*Junc. monogr. spec.*).
Publ.: 1819 (Flora 21 Feb 1820), p. [i], [1]-50. *Copies*: G, MO, NY, WU. – Page 1 is a regular t.p. without the academic specification, and dated "1819".
Ref.: Meyer, E. H. F., Flora 2: 145-156, 161-176. 1819 ("Grundzüge zur Diagnostik der Arten . . .").

5919. *Synopsis juncorum* rite cognitorum. Ad inaugurandam ejusdem plantarum generis monographiam edidit Ernestus Henr. Fridr. Meyer . . . Gottingae [Göttingen] (Apud Vandenhoeck et Ruprecht) 1822. Oct. (*Syn. junc.*).
Publ.: probably Jul 1822 (fide rev. GGA 1 Aug 1822 [GGA almost always immediately reviewed book s published in Göttingen], preface 19 Mai 1822; the projected monograph remained unpublished for reasons given by Meyer (1857, p. 210) and by Wunschmann (ADB 21: 565-569)), p. [1]-66. *Copies*: FI, G, H. MO, NY, USDA; IDC 209.
Ref.: Anon., Flora 7: 172-176. 1824.

5920. *Synopsis Luzularum* rite cognitorum. Cum additamentis quibusdam ad juncorum synopsis prius editam. Edidit Ernestus Henr. Fridr. Meyer . . . Gottingae [Göttingen] (Apud Vandenhoeck et Ruprecht) 1823. Oct. (*Syn. Luzul.*).
Publ.: 1823 (Flora 21 Mar 1824; p. viii: 19 Mar 1823), p. [i]-viii, [1]-40. *Copies*: FI, G, H, MO, NY; IDC 199. – See Verdoorn (1965) for notes, e.g. "Erwiederung", published by Meyer in Goethe, Zur Morphologie (2, 1823); see also Meyer (1857), p. 213.
Ref.: Anon., Flora 7: 172-176. 21 Mar 1824 (rev.).
Schmid, G., Goethe u.d. Naturwiss. 36, 220. 1940.

5921. *Plantarum surinamensium corollarium primum.* Edidit Ernestus Meyer, M. D. . . . [Bonn (für die Akademie in Eduard Weber's Buchhandlung) 1825]. Qu. (*Pl. surinam. coroll.*).
Publ.: Jul-Nov 1825 (t.p. journal, Flora 28 Dec 1825), Nova Acta Leopold. 12(2): [759]-818. 1825. – We have seen no reprint. Meyer himself (1857, p. 211) dates this publ. 1824.
Ref.: Schlechtendal, D. F. L. von, Linnaea (1(2): 268-271. Apr 1826 (rev.).

5922. *De Houttuynia atque Saurureis* disseruit Ernestus H. F. Meyer . . . Regiomonti [Königsberg] (prostat apud Aug. Guil. Unzer) 1827. Oct. (*Houttuynia*).
Publ.: 5 Dec 1827 (date thesis t.p.; Flora rd. Feb-Mar 1828), p. [i-vi], [1]-62, *1 pl.* (uncol. copp.). *Copies*: FI, G, MO, NY, – Thesis t.p. in copy G: "De Houttuynia atque Saurureis disseruit amplissimique philosophorum ordinis . . . hanc suam dissertationem d. v decembri mdcccxxvii h.l.q.c. publice defendet Ernestus H. F. Meyer . . ."
Ref.: Anon., Flora 11: 192. 28 Mar 1828, 11(2) Erg. Bl. 39-58. 1828, see also Wunschmann, E., ASB 21: 566. 1885.

5923. Ernesti Meyer *De plantis labradoricis libri tres.* Lipsiae [Leipzig] (sumtibus Leopoldi Vossii) 1830. Oct. (*Pl. labrador.*).
Publ.: 1830 (announced for Easter fair 1830 but probably publ. only second half 1830; p. viii; Dec 1829), p. [i]-xxii, [1]-218. *Copies*: FI, G, L, NY, US, USDA; IDC 7589. – The first 30 p. were also issued as dissertation (PR).
Ref.: Anon., Flora 13(2) Beil. 43. 1831 (rd. Aug-Dec 1830), Flora Lit. Ber. 1: 32. Jan-Feb 1831, 2: 17-25. 1832.

5924. *Elenchus plantarum Borussiae indigenarum* [Königsberg 1833]. Oct. (*Elench. pl. Boruss.*).
Publ.: 3 Jul 1833 (in journal; reprints also 1833 fide Meyer 1857, p. 213; PR dates this 1835, see also note Pritzel on copy B-S), p. [1]-32. *Copy*: B-S. – Reprinted from Preuss. Provinzialbl. 10: 60-91. 3 Jul 1833 (introd. on p. 50-60).

5925. Ernesti H. F. Meyer *Commentariorum de plantis Africae australioris* quas per octo annos collegit observationibusque manuscriptis illustravit Joannes Franciscus Drège. Lipsiae [Leipzig] (Apud Leopoldum Voss), Regiomonti [Königsberg] (apud auctores) 1835 [i.e. 1836, 1838]. Oct. (*Comm. pl. Afr. austr.*).
Co-author: Jean François Drège (1794-1881), see TL-2/ 1518-1519.

Fasc. 1: 14 Feb (Marshall) – 5 Jun 1836 (Hinrichs) (cover p. 4: 10 Feb 1836), p. [i]-lvi, [1]-172. – Later than Ecklon & Zeyher, *Enum. pl. afric. austral. fasc. 2.*
Fasc. 2: 1-8 Jan 1838 (cover 1837; Flora 21 Jan 1838), p. lvii-lxx, 173-326. *Copies*: FI, L, MO, NY; IDC 207. – See Lasègue p. 183.
English translation: 1875, p. [i-iii], [1]-61, map. *Copy*: n.v. – *On the geographical distribution of plants in South Africa,* translated, with notes, by M. Bolus. Cape Town (Juta) 1875. Reprinted from the *Cape monthly Magazine*: 7: 193-199. Oct 281-290. Nov 339-347. Dec 1873, 8: 50-59. Jan, 108-119. Feb, 186-192. Mar, 234-242. Apr 1894. *Copies*: BOL and PRE; see also S. Mendelssohn, S. Afr. bibl. 2: 723. 1910 (inf. O. Leistner, E. A. Schelpe).

5926. *Preussens Pflanzengattungen* nach Familien geordnet ... Königsberg (Bei Gräfe und Unzer) 1839. Duod. (*Preuss. Pfl.-Gatt.*).
Publ.: 1839 (Flora "vorgelegt" 5 Nov 1839) p. [i]-x, [1]-278. *Copies*: MO, NY, Regensburg, USDA. – Meyer introduced here the terms "Staubblatt" (for Stamen) and "Fruchtblatt" (for pistillum), see Verdoorn 1965, p. 52.

5927. Nicolai *Damasceni de plantis* libri duo Aristoteli vulgo adscripti. Ex Isaaci ben Honain versione arabica latine vertit Alfredus. Ad codd. mss. fidem addito apparatu critico recensuit E. H. F. Meyer, ... Lipsiae [Leipzig] (sumtibus Leopoldi Voss) 1841. Oct. (*Damasc. de plantis*).
Publ.: 1841, p. [i*-ii*], [i]-xxviii, [1]-138, [139-140, err.]. *Copies*: FI, USDA. – See E. Meyer, Gesch. bot. 1: 324-333 and P. M. Bouyèges, Mél. Univ. St. Joseph, Beyrouth 9: 70-89. 1924 (Verdoorn 1965, p. 52).

5928. *Botanische Erläuterungen zu Strabons Geographie* und einem Fragment des Dikäarchos. Ein Versuch ... Königsberg (Verlag der Gebrüder Bornträger) 1852. Oct. (*Bot. Erläut. Strab.*).
Publ.: Mai-Jun 1852 (Lotos: Aug 1852; Bot. Zeit. 23 Jul 1852; Flora Jun-Aug 1852), p. [i*], [i]-viii, [1]-213, [214, ind.]. *Copies*: FI, NY. – See E. Meyer, Gesch. Bot. 1: 193-195, 313-317.

5929. *Geschichte der Botanik*, Studien von Ernst H. F. Meyer. Königsberg (Verlag der Gebrüder Bornträger) 1854-1857. Oct. 4 vols. (*Gesch. Bot.*).
Vol. 1: Jul-Aug 1854 (p. vi: 5 Jul 1854; rev. Bot. Zeit. 25 Aug 1854; Flora rd. 28 Jul-28 Aug 1854; rev. Leipz. Rep. Oct 1852), p. [i]-x, [1]-406.
Vol. 2: Jan-Jun 1855 (p. vi: 31 Dec 1854; rev. Bot. Zeit. 12 Oct 1845; Flora rd. 28 Jan-28 Jul 1855), p.[i]-x, [1]-430, [1, err.].
Vol. 3: Sep-Oct 1856 (p. xii: 7 Aug 1856; rev. Bot. Zeit. 24 Oct 1856; Flora rd. 14 Oct-7 Nov 1856), p. [i]-xvi, [1]-554.
Vol. 4: Dec 1857 (p. v: 29 Oct 1859; Bonplandia rd 15 Dec 1857; rev. Bot. Zeit. 19 Feb 1858; Flora rd. 14 Jan/Feb 1858), p. [i]-viii, [1]-451.
Copies: FI, H, USDA.
Facsimile ed.: Amsterdam (A. Asher en Co.) 1965, idem, ISBN 90-6123-120-5, with changed imprint. *Copy*: FAS. – Introduction (p. [(1)]-(63) by Frans Verdoorn (full documentation on history).
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Anon., Bonplandia 3: 32. 1855 (Leopoldina cogn. Brown), 4: 122. 1856 (d. 19 Mar 1856), 6: 337. 1858 (b. 18 Apr 1782), 8: 295. 1860 (birds at Hannover); Bot. Not. 1858: 14 (d. 19 Mar 1856); Flora 3: 637. 1820, 39: 288. 1856; Bot. Zeit. 14: 312. 1856.

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EPONYMY: *Meyeria* A. P. de Candolle (1836) was collectively dedicated to him and four of his namesakes, see above under Ernst Heinrich Friedrich Meyer (1791-1858).

5930. *Primitiae florae essequeboensis* adjectis descriptionibus centum circiter stirpium novarum, observationibusque criticis auctore Georgio Friderico Wilhelmi Meyer ... cum tabulis aeneis duabus. Gottingae [Göttingen] (sumptibus Henrici Dieterich) 1818. Qu. (*Prim. fl. esseq.*).

Publ.: Nov 1818 (p. x: Sep 1818; rev. Isis 1818(2): 1839-1845. Nov 1818; GGA 30 Jan 1819. The BM copy has an autograph letter dated 10 Nov 1818 in which Meyer states that his *Primitiae* are just published), p. [i]-x, [1, h.t.], [1]-316, [1-2, err.], *pl. 1-2* (uncol. copp. auth.). *Copies*: FI, G, MO, NY, Stevenson, US (3) USDA; IDC 5480.

Facsimile reprint: announced, but not yet publ., by Asher and Koeltz (1974).

Ref.: X., Flora 2(1): 337-344. 14 Jun 1819 (rev.).

5931. *Beiträge zur chorographischen Kenntniss des Flussgebietes der Innerste* in den Fürstenthümern Grubenhagen und Hildesheim mit besonderer Rücksicht auf die Veränderungen, die durch diesen Strom in der Beschaffenheit des Bodens und in der Vegetation bewirkt worden sind. Eine Anlage zur Flora des Königreichs Hannover ... Göttingen 1822, 2 vols. Oct. (*Beitr. chorogr. Kenntn. Innerste*).

1: Mai-Jun 1822, p, [i]-xxix, [1]-368, [1, err.], 2 charts.

2: Mai-Jun 1822, p. [i]-x, [1]-368, [1, err.], *pl. 1-2*. *Copies*: B, NY, US. – Alternative t.p. "*Die Verheerungen der Innerste* im Fürstenthume Hildesheim nach ihren Wirkungen und ihren Ursachen betrachtet, nebst Vorschlägen zu ihrer Verminderung und zur Wiederherstellung des versandeten Terrains." One of the earliest phytosociological and ecological treatises. Cover title: "*Erste Anlage zur Flora ... Hannover*" Göttingen (Gedruckt bei C. Herbst).

Ref.: Anon., FLora 5(1), Beil. 3: 107. 28 Jun 1822 (Neue Schriften; just rd by Flora).

5932. *Nebenstunden meiner Beschaeftigungen in Gebiete der Pflanzenkunde* von Geo. Friedr. Wilh. Meyer. Erster Theil. Goettingen 1825. Oct. (*Nebenst. Beschaeft. Pflanzenk.*)

Publ.: Sep-Dec 1825 (p. viii: Apr 1825; Flora 21 Sep 1825 "nächstens"), double frontisp. plate (col. lith. Wachsmann), engr. t.p., [i*, printed t.p.], [i]-xi, [1, h.t.], [1]-372. *Copies*: G, L, NY, PH, Stevenson. – Only one volume publ.; the engr. t.p. was meant to cover the multivolume work. This first volume has a separate printed t.p.: "*Die Entwickelung, Metamorphose und Fortpflanzung der Flechten* in Anwendung auf ihre systematische Anordnung und zur Nachweisung des allgemeinen Ganges der Formbildung in den untern

Ordnungen cryptogamischer Gewächse ..." Goettingen (bey Vandenhoeck und Ruprecht).
Ref.: Anon., Flora 8(1) Beil. 5: 146-147. Jul 1825 (printed but not yet distributed; awaiting the colouring of the plate).
Schlechtendal, D. F. L. von, Linnaea 1(1): 104-107. Jan 1826 (rev.).
Meyer, E., Flora 8(2): 558-560. 21 Sep 1825 (letter written summer 1825; book not yet out).

5933. *Chloris hanoverana* oder nach den natürlichen Familien geordnete Übersicht der im Königreiche Hannover wildwachsenden sichtbar blühenden Gewächse und Farn nebst einer Zusammenstellung derselben nach ihrer Benutzung im Haushalte, in den landwirthschaftlichen Gewerben und in den Künsten ... Göttingen (Bei Vandenhoeck und Ruprecht) 1836. Qu. (*Chloris han.*).
Publ.: prob. Jul-Aug 1836 (Hinrichs 7-13 Aug; p. viii "Anfang des Jahres 1836"), p. [i*], [i]iii, [1-3, table], [i]-vi (consp.), [1]-744. *Copies*: BR, G, H, MO, NY. – Infraspecific categories used: Unterarten (subspecies), Scheinarten, Abarten, Spielarten (varieties), Abänderungen und Umbildungen (forms). Flora (19: 728. 1836) mentions an "Erste Lieferung" present at the assembly of the Naturforscher of 25 Sep 1836.
Ref.: Anon., Lit. Ber. Flora 6: 143. 28 Nov 1836, 8: 52-64, 65-74. 1838.

5934. *Flora des Königreichs Hannover, angewandter Theil.* Untersuchung der einzelnen Vegetabilien und der Vegetationsverhältnisse des Königreichs, in Anwendung auf die Erhöhung seiner Naturalproduction und die Beförderung seines Gewerbwesens, ... Erster Theil. Göttingen (Gedruckt in der Dieterichschen Universitäts Buchdruckerei) 1837. Oct.† (*Fl. Hannover, angew. Theil*).
Publ.: Oct-Dec 1837 (p. xxviii: 17 Sep 1837), p. [v, sic]-xlii, [1], [1]-306, [1, err.]. *Copies*: NY, US. – Remained incomplete; intended to be the "applied part" of the sumptuous *Flora der Königreichs Hannover.* This first volume has a second t.p.: "*Über die Natur der Schachtelhalme*, insbesondere des Sumpf-Schachtelhalms oder Duwocks, ... unter Hinzufügung einer Monographie der deutschen Schachtelhalmarten ..."

5935. *Flora des Königreichs Hannover,* oder Schilderung seiner Vegetation, nach ihrem Gehalte an Gewächsen, deren Verbreitungs- und Vertheilungszustande und deren Geschichtlichem Verhalten, in Anwendung auf die Beförderung des Volkswohlstandes. Begründet durch Seine Majestät den König Wilhelm IV. Und fortgeführt auf Befehl und dem huldreichen Schultze Ernst August ... Göttingen (bei dem Verfasser. Gedruckt bei Heinrich Gottfried Voigt in Hamburg) 1842-1854. Fol. (*Fl. Hannover*).
Erster Theil: 1842, p. [i*-x*], [i]-xii, [1]-249.
Zweiter Theil, Erste Abtheilung: 1842, p. [i-v], [1]-82.
Dritter Theil [Heft 1/2]: 1842, p. [i-viii], 26 sign.
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Dritter Theil, Sechstes Heft: 1854, p. [i-vii], $11^1/_2$ sign. (nos. 15-$26^1/_2$).
Dritter Theil, plates: p. [i, iii], *pl. 1-8, 9/10, 11-30.*
Copies: B, NY. – The 30 plates are partly colour-printed, partly hand-coloured engravings of drawings by Eberlein, F. W. Meyer, Saxesen, Schumann, Sontag and M. Tettelbach. In the NY copy the plates are bound in vol. 3 with Heft 1/2: *nos. 1-10,* 3: *11-15,* 4: *16-20,* 5: *21-25,* 6: *26-30.*

5936. *Flora hanoverana excursoria* enthaltend die Beschreibungen der phanerogamischen Gewächse Norddeutschlands in den Flussgebieten der Ems, Weser und Unterelbe geordnet nach natürlichen Familien unter Angabe der Wohn- und Standorte, der Bodenbeschaffenheit, der Begrenzung der Gesammtverbreitung und des Vorkommens im Gebiete, der Häufigkeit, des Geselligkeitsverhältnisses und des geschichtlichen Verhaltens der einzeln Pflanzenarten. Nebst einer speciellen Nachweisung ihrer gewerblichen Benutzung in pharmaceutisch-medicinischer, technischer, ökonomischer und forstlicher Beziehung ...Göttingen (bei Vandenhoeck und Ruprecht) 1849. Oct. (*Fl. hanov. excurs.*).
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Meyer, J. C. (*fl.* 1854), German botanist and pharmacist at Bayreuth. (*J. Mey.*).

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5937. *Flora des Fichtelgebirges.* Herausgegeben für Botaniker, Forst- und Landwirthe ... Augsburg (Verslag der Matth. Rieger'schen Buchhandlung) 1854. Oct. (*Fl. Fichtelgeb.*).
Co-author: Fr. Schmidt (pharmacist at Wunsiedel; no further details known to us).
Publ.: Apr-Jun 1854 (p. vi: Frühling 1854; Flora rd. 28 Jun-28 Jul 1854; Bot. Zeit. rev. 8 Sep 1854), p. [i]-vi, [1]-160, [1-2]. *Copies*: B, G, NY.
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Meyer-Abich, Adolf (1893-x), German biologist, philosopher and historian of biology; Dr. phil Jena 1916; assistant librarian Univ. Göttingen 1917-1919, id. Kiel 1919-1921; librarian Univ. Hamburg 1921-1937 ("Bibliothekrat"), professor's title 1930; professor of philosophy Santiago, Chili 1929-1932; dir. Domin.-German Inst. Rep. Dominicana 1937-1939; from 1956 professor Univ. Hamburg. (*Mey.-Abich*).

HERBARIUM and TYPES: Unknown.

NOTE: Though not a systematic botanist Meyer-Abich should be mentioned here if only because of the coining of the term *taxon* in his *Logik der Morphologie* 127, 133, 138. 1926 (Berlin, Julius Springer, vii, 290 p.) The present more precise use of the term was proposed by H.J. Lam and accepted by the International Botanical Congress, Stockholm (1950). The use of the word *Taxon* for the journal of IAPT came forward in a discussion, summer 1951, among C.E.B. Bremekamp, J. Lanjouw and F.A. Stafleu.

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HERBARIUM and TYPES: LAU and G (in herb. Walter Meyland 1873-1946). Further material at G.

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5938. *Catalogue des Hépatiques du Jura* [Genève 1901] Oct.
Publ.: 31 Mai 1901, p. [1]-18. *Copy*: G. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 1(6): 615-632. 1901.

5939. *Catalogue des mousses du Jura.* Lausanne (Imprimerie Corbaz & Cie.) 1905. Oct. (*Cat. mouss. Jura*).
Publ.: *in* Bull. Soc. Vaud. Sci. nat. ser. 5. 41(252): 41-172. Mars-Juin 1905. *Copies*: G, MO.

5940. *Flore des mousses de la Suisse* . . . Lausanne (Imprimeries Réunies S.A.) 1912 [i.e. 1918]. Qu. (*Fl. mouss. Suisse*).
Authorship: *part 1*: Jules Amann (1859-1939) and C. Meylan; *part 2*: J. Amann, in co-operation with C. Meylan and Paul Frédéric Culman (1860-1906).
Publ.: (parts 1, 2:) Dec 1918, see A. Guinet (1919), even though dated 1912; the cover is also dated 1918 (*copy*: U). – Information M. Crosby.
Part 1: *Tableaux synoptiques*, Dec 1918 (p. iv: Feb 1912), p. [i-iv], [1]-215.
Part 2: *Bryogeographie*, Dec 1918 (p. 7: Mar 1912), p. [1]-414, *pl. 1-12* (with text), [1]-4. *Copies*: MO, U.
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Ref.: Chamberlain, E. B., Bryologist 22: 41-43. 1919.
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5941. *Les hépatiques de la Suisse* . . . Zürich (Fretz Frères, S. A., . . .) 1924. (*Hépat. Suisse*).
Publ.: Jul-Sep 1924 (ÖbZ), p. [ii-iii], [1]-318. *Copies*: BR, H, MICH, MO, U, USDA.-Beitr. Krypt.-Fl. Schweiz 6(1), 1924.

Meyran, Octave (1858-1944), French botanist at Lyon (*Meyran*).

HERBARIUM and TYPES: LY.

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5942. *Observations sur la flore du Plateau central* . . . Lyon (Association typographique . . .) 1894. Oct.
Publ.: Oct-Nov 1894 (Nat. Nov. Nov(1) 1894; Herb. Boissier copy rd. from author 21 Dec 1894), p. [1]-32. *Copy*: G. – Reprinted and to be cited from Ann. Soc. bot. Lyon 19 (Mém.): 61-90, (C.R.): 56-57. 1894.

5943. *Les noms de genre* [Lyon (Association typographique, . . .) 1896]. Oct.
Publ.: 1896 (in journal), p. [1]-27. Copy: FI. – Reprinted and to be cited from Ann. Soc. bot. Lyon 21 (Mém.): 29-55. 1896.

5944. *Herborisation aux environs de Chamonix* les 14, 15, et 16 juillet 1899. [Lyon (Association typographique, . . .) 1899]. Oct.
Publ.: Late 1899 (journal dated 1899; however, Herb. Boissier copy received from author only on 15 Oct 1900), p. [1]-16. *Copy*: G. – Reprinted and to be cited from Ann. Soc. bot. Lyon 24(Mém.): 93-108. 1899.

Mez, Carl Christian (1866-1944), German botanist; Dr. phil. Berlin 1888; habil. Breslau 1890; in München with Radlkofer 1888-1890; at the University of Breslau 1890-1899; 1899-1910 professor of botany at Halle; director of the Königsberg botanical garden 1910-1935, ultimately at Freiburg i.Br.; main promotor of serodiagnostics ("Königsberger Stammbaum") in systematic botany. (*Mez*).

HERBARIUM and TYPES: Some material at B and WRSL. The Königsberg University herbarium, which contained much of Mez' material, was destroyed during an air-attack in Sep 1944, shortly after M's death. Many of M's types designated in his "composite works" may be found at B, M and G.
Note: Ziegenspeck (1944): "Wir beide waren Nationalsozialisten inmitten einer verjudeten und mit Freimaurern gepflasterten Fakultät." [Better left untranslated]. It is possible that this citation gives more information on the biographer than on the biographee.

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36966, suppl. 18377-18379; Moebius p. 63; MW p. 321; Nordstedt suppl. p. 11; Rehder 5: 570; TL-2/1: 978, 1713; Tucker 1: 483; Zander ed. 10, p. 692, ed. 11, p. 789.
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5947. *Morphologische und anatomische Studien über die* Gruppe der *Cordieae*. Habilitationsschrift der philosophischen Facultät der Universität Breslau zur Erlangung der venia legendi ... Leipzig (Wilhelm Engelmann) 1890. Oct. (*Morph. Stud.-Cordieae*).
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Ref.: Lohwag, H., Österr. bot. Z. 79: 373-374. 1930 (rev.).

Miall, Louis Compton (1842-1921), British botanist, entomologist, and palaeontologist; professor of biology at Yorkshire College of Science (Leeds University) 1876-1907. (*Miall*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 484; BB p. 214; BL 2: 275, 691: BM 3: 1303, 7: 836; CSP 8: 396-398, 10: 799-800, 12: 506, 17: 216-217; Desmond p. 436; Jackson p. 71, 262; Kew 3: 674; Langman p. 504; PR 6188; Quenstedt p. 294; Rehder 1:401; SO 2980; TL-2/see B. Carrington.
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Authorship: Phanerogams by Miall; cryptograms by Benjamin Carrington (1827-1893).
Publ.: 1862 (p. viii: 19 Sep 1862), [i]-xii, [1]-97, 2 maps. *Copy*: MO.

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Publ.: 1912 (J. Bot. Feb 1913), p. [i]-xi, [1, h.t.], [1]-396. *Copies*: MO, NY.
Facsimile ed.: New York and London (Hafner Publishing Company) New York and London 1969, p. [i]-xi, [1, h.t.], [1]-396. *Copies*: FAS (Taxon 20: 185. 1971).
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Michael, Edmund (1849-1920), German mycologist. (*Michael*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 485; Kew 3: 674; LS 17798-17803, suppl. 18384-18387.

EPONYMY: *Michaelsarsia* Gran (1912) is dedicated to Michael Sars (1805-1869), Norwegian marine biologist.

5952. *Führer für Pilzfreunde.* Die am häufigsten vorkommenden essbaren, verdächtigen und giftigen Pilze . . . Zwickau i.S. (Druck und Verlag von Förster & Borries) 1895. Oct. (*Führ. Pilzfr.*).
Publ.: In many editions and reprints. Our inventory is incomplete.

Main edition: in three volumes which went through several editions independent of each other.
Volume 1, ed. 1: Jul 1895 (pref. Jul 1895; Nat. Nov. Jul(1) 1895; Hedwigia 19 Oct 1895), p. [i]-x, [1]-26, 47 figs. ("Pilzgruppen") on *40 pl.* (col.; with text). *Copy*: B.
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ed. 3: 1898, p. [i]-xii, [1]-31, *68 figs.* (id.). *Copy*: NY.
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ed. 4 (*Neuntes Tausend*): 1903 (id.), p. [i]-xii, [1]-31, *69 figs.* (id.). *Copy*: B.
ed. 5 (*Zwölftes Tausend*): 1909 (p. vii: Jul 1909), p. [i]-xii, [1]-29, *69 figs.* (id.). *Copy*: MICH. – (We saw no copy of the 13.-15. Tausend).
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(*Drittes Tausend*): 1902, p. [i]-xii, *107 figs.* (id.). *Copies*: G, NY.
(*Viertes Tausend*): 1905, p. [i]-xii, *107 figs.* (id.). *Copies*: B, MICH.
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Volume 3 (*Erstes Tausend*): Jul 1905 (p. iv: Jun 1905; Nat. Nov. Aug(1) 1905), p. [i]-x, *131 figs.* (id.; on *80 pl.*). *Copies*: G, NY.
(*Zweites Tausend*): 1905, p. [i]-x, [1], *131 figs.* (id.). *Copy*: MICH.
(*3.-5. Tausend,* called ed. 2 in preface): 1908 (p. v: Feb 1908), n.v.
(*6.-8. Tausend,* called ed. 3 in preface): 1912 (p. v: Jun 1912), p. [i]-xi, [xii], *131 figs.* (id.). *Copies*: B, MICH.

Note: the linen-bound volumes were sold as Ausgabe B but not so designated on the t.p. until 1917. The paperback edition (for schools) was sometimes referred to as Ausgabe "A". This term was also used for the issues of large size "Wandtafeln" on which the illustrations were reproduced (e.g. *5 pl.* 1895 with *47 figs.*, *8 pl.* with *76 figs.* ca. 1917; n.v.).

Ausgabe B: 1917-1919, 3 vols. with *346 figs.* (t.p. says 345). *Copies*: B, G, MICH – Zwickau Sa. (Druck und Verlag von Förster & Borries).
1(*16.-20. Tausend*): 1917, n.v. (p. 6 Mai 1917).
1(*21.-28. Tausend*): 1918 (p. 6: Jun 1918; all copies seen), p. [1]-81, *figs. 1-82* (1/4 per pl.; on *68 pl.*; col.).
2(*15.-22. Tausend*): 1918, p. [1]-10, [1], *figs. 83-206* (id. on *84 pl.*).
3(*13.-19. Tausend*): 1919, p. [1]-10, [1], *figs. 207-346* (id. on *86 pl.*).

Volksausgabe (*Ausgabe C*): one volume, various editions.
ed. 1: 1896 (Nat. Nov. Jul(1) 1896), *29 pl.*, n.v.
ed. 2: 1906 (n.v.) (Bot. Centralbl. 9 Oct 1906).
ed. [*?*] (*61.-80. Tausend*: 1917, p. [1]-25, *figs. 1-40* on *32 pl.* (col., w.t.). *Copy*: G.
ed. [*?*] (*81.-100. Tausend*): 1918, p. [1]-25, *figs. 1-40* on *19 pl.* w.t. [p. 26-58]. *Copy*: NY.

Ausgabe D: 3 plates, 54 × 74 cm, "*Unsere besten Speise und Wirtschaftspilze, . . .*", *40 figs.* n.v.

New edition: 1922-1924, of vol. 1, in four parts, "... systematisch geordnet und gänzlich neu bearbeitet von Roman Schulz, Berlin. Ausgabe E. Lieferungsausgabe der dreibändigen Gesammtwerkes ..." Zwickau, Sa. (Druck und Verlag von Förster & Borries). – We saw only a single *copy* of the first volume published in 4 parts (MICH):
1: text for nos. 1-32, *figs. 1-33*. Jun 1922.
2: text for nos. 33-70, *figs. 34-71*. Mar 1923.
3: text for nos. 71-111, *figs. 72-113*. Jul 1923.
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The combined issue, in a single volume, was called "Ausgabe B", *fifth edition, 29.-36. Tausend* of vol. 1.

New edition: 1927, 3 vols., "begründet von Edmund Michael systematisch geordnet und gänzlich neu bearbeitet von Roman Schulz ... " Leipzig (Verlag von Quelle & Meyer) s.d. *Copies*: B, MO.
1: [1]-120, species 1-113, on plates with text (*1-2/pl.*).
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New edition: *Handbuch für Pilzfreunde* in vier [sechs] Bänden mit Abbildungen von etwa 1000 Pilzarten. Begründet von Edmund Michael herausgegeben und neu bearbeitet von Bruno Hennig, Jena (VEB Gustav Fischer Verlag). *Copies*: B, BR, UC.
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2: 1960, p. [ii]-vi, [1]-328, species 1-300 (id.).
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This edition actually started in 1939, vol. 1, 214 p., 123 figs. See E. Ulbrich, Hedwigia 80: (Beibl. 1): (40). 1942.

Michael, Paul Oskar (1861-?), German botanist from Oelsnitz i.V., Dr. phil. Leipzig 1885 (*P. Michael*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 485; BJI 1: 40; Rehder 2: 808; Tucker 1: 483.

5953. *Vergleichende Untersuchungen über den Bau des Holzes der Compositen, Caprifoliaceen und Rubiaceen.* Inaugural-Dissertation zur Erlangung der philosophischen Doctorwürde der Hohen Philosophischen Facultät der Universität Leipzig ... Leipzig (Druck von Metzger & Wittig) 1885. Oct. (*Vergl. Unters. Holz. Compos.*).
Publ.: 1 Jan-15 Mar 1885 (Nat. Nov. Mar(2) 1885, Bot. Zeit. 27 Mar 1885), p. [1]-60, [1, vita]. *Copy*: US.
Ref.: Pax, F., Bot. Jahrb. 7: 50. 1885.

Michalet, [Louis] Eugène (1826-1862), French botanist and magistrate at Besançon. (*Michalet*).

HERBARIUM and TYPES: AUT, BR, CGE, E, G, P. – Issued *Herbier des plantes critiques du Jura*, nos. 1-150.

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 382; Barnhart 2: 485; BL 2: 169, 691; BM 3: 1304; CSP 4: 375, 12: 506; IH 2: 535; PR 6191; Rehder 1: 411; Tucker 1: 483.
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Publ.: 1854, p. [1]-16. *Copies*: G, NY. – Reprinted and to be cited from Mém. Soc. Émul. Doubs 1: 25-36. 1854.

5955. *Herbier de la flore du Jura ... Premier fascicule* ... [Besançon 1856]. Oct. (*Herb. fl. Jura*).
Publ.: 1856 (séance 12 Jan 1856), p. [1]-8. *Copy*: G. – Preprinted from Mém. Soc. Émul. Doubs 8: 1-8. 1857.

5956. *Histoire naturelle du Jura* et des départements voisins, ... tome ii. *Botanique* par M. E. Michalet, magistrat, ... revue et achevée par M. Grenier, ... Paris (Victor Masson et fils, ...), Lons-le-Saunier (Librairie de A. Robert. Librairie de Gauthier frères), Besançon (Imprimerie de J. Jacquin) 1864. Oct. (*Hist. nat. Jura, Bot.*).
Editor: Jean Charles Marie Grenier (1808-1875).
Publ.: 1864, p. [i-iii], [1]-400. *Copy*: USDA.

Michaux, André (1746-1803), French botanist and explorer of Iran (1782-1785), North America (1785-1796); later on a French exploring expedition (1800-1805) under Capt. Baudin as far as Madagascar, where he died. (*Michx.*).

HERBARIUM and TYPES: The North American herbarium, mainly collected by Michaux himself, is at P, kept separate as an *herbier historique* (2.192 species). The North American bryophytes are kept separately at PC. This herbarium contains the types of the *Flora boreali-americana*. On his return from N. America in 1769 Michaux was shipwrecked on the Dutch coast and lost part of his collections. Duplicates are e.g. at B, BR, G and LIV, and also in the general herbarium of P through the Richard herbarium. For Michaux' fern herbarium see Morton (1967). The herbarium of the *Flora boreali-americana* is available on IDC microfiche (no. 6211). Michaux' mss. itinerary is at PH.

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HANDWRITING: Bartonia 28: *pl. 6.* 1957; see also *in* J. F. Leroy, Bot. franç. Amér. nord *pl. xxxi.* 1957.

EPONYMY: : *Michauxia* L'Héritier (1788); *Michauxia* Salisbury (1796).

5957. *Histoire des chênes de l'Amérique,* ou descriptions et figures de toutes les espèces et vatiétés de Chênes de l'Amérique septentrionale, considérées sous les rapports de la botanique, de leur culture et de leur usage . . . A Paris (De l'imprimerie de Crapelet) An ix-1801. Fol. (*Hist. chênes Amér.*).

Publ.: Mai 1801 (TL-1), p. [i, iii], [1]-[56] (sign. 1-14, only a few pages actually numbered), *pl. 1-36,* uncol. copp. by H. J. Redouté (nos. *1, 20, 33, 34*) and P. J. Redouté (all others). *Copies*: BR, FI, G, HU, L, MO, NY, U; IDC 6065. – In his preface Michaux states that he has left the work of publishing his books to his son: "J'ai laissé à mon fils le soin de surveiller l'impression de ces deux ouvrages [i.e. *Hist. chênes* and *Fl. Am. sept.*]." There are copies on laid paper and, a smaller number, on wove paper. A copy with manuscript annotations by F. A. Michaux, as well as with many proofs and originals is at K.

Abbreviated edition: 1801, p. [i], [1]-2, [i]-iv, [i-iv, conspectus, not found in orig. ed.], *pl. 1-36* (id.). *Copy*: G. – "*Histoire des chênes de l'Amérique,* ou . . . septentrionale. Par André Michaux, . . ." A Paris (Chez Levrault Frères, Quai Malaquais) An ix-1801. Fol. – We do not know whether this abbreviated variant edition with a new conspectus was indeed published later than the Crapelet edition.

German translation: 1802-1804. *Copy*: MO. – "*Geschichte der amerikanischen Eichen,* oder Beschreibungen und Abbildungen aller Arten und Abarten der Eichen des nördlichen Amerika; nach ihren Kennzeichen, ihrem Anbau und Nutzen . . . Übersetzt und mit illuminirten Abbildungen begleitet von Hofr. und Prof. J. S. Kerner [Johann Simon von Kerner 1755-1830] . . ." Stuttgart (auf Kosten des Herausgebers. Gedruckt in Strasbourg, bey Gebr. Levrault) 1802-1804. Qu. (*Gesch. amer. Eichen*). *Erstes Heft*: 1802, p. [i], [1]-16, *pl. 1-5* (col.). *Zweytes Heft*: 1804, p. [i], 17-28, *pl. 6-14* (id.). We have seen no copy of Hefte 3 and 4; they probably remained unpublished. The publisher announced also the availability of copies with uncolored plates. The book seems to be very rare (see e.g. Junk, Catal. 206, no. 211. 1977).

English version: 1808, by W. Wade, Trans. Roy. Dublin Soc. 6, 1808.

5958. *Flora boreali-americana,* sistens caracteres plantarum quas in America septentrionali collegit et detexit Andreas Michaux, . . . tabulis aeneis 51 ornata . . . Parisiis et Argentorati [Paris et Strasbourg] (typis Caroli Crapelet; apud Fratres Levrault) anno xi-1803, 2 vols. Qu. and Oct. (*Fl. bor.-amer.*).

Ed. 1: 19 Mar 1803 (see also ICBN 30.1).
Vol. 1: p. [i]-x, [1, err.], [1]-330, *pl. 1-29.*
Vol. 2: p. [i, iii], [1]-340, *pl. 30-51.*
Copies: FAS (Oct.), G (Qu.), HU (Qu.), L (Oct.), MO (Oct.), NY (Oct.), US (Qu., Oct.), USDA (Oct.); IDC 6130.

Ed. 2 (actually a reissue): Parisiis (Bibliopola Jouanaux Junior . . .) 1820. Oct. – Replacement of title pages only. Rarer than the first edition.
Copies: G, NY, USDA; IDC 1061.
Vol. 1. [i]-x, [1, err.], [1]-330, *pl. 1-29.*
Vol. 2: [i-iii], [1]-340, *pl. 30-51.*

Facsimile ed.: New York (Hafner Press), New York (Collier Macmillan Publishers) 1974, Classica botanica americana vol. 3. Introduction [important!] by J. Ewan. ISBN 0-02-

849230-7. *Copy*: FAS. – See Taxon 23: 643. 1974. – *1*: introduction [i]-xlvi, facsimile; *2*: [i-iv, new t.p.'s], facsimile.

NOTES: Kunth (Rev. gram. 137. 1829; Biogr. univ. 27:560-570) and Pritzel attribute this work to L. C. M. Richard. Martius (Fl. bras. 1:88. 1840) states of Richard "autor quoque est, saltem pro maxima parte, Florae boreali-americanae ab Michaux 1803 editae" (cf. McClure). Asa Gray (1841) states "Michaux himself, though an excellent and industrious collector and observer, was by no means qualified for authorship: and it is to L. C. Richard that the sagacious observations, and the elegant terse and highly characteristic specific phrases of this work are entirely due". Gray states in 1882 that the tradition that the descriptions were drawn up by L. C. Richard "is confirmed by the fact that Richard's herbarium . . . contains an almost complete set of the plants described, and I found that the specimens of Michaux supplied to Willdenow's herbarium at Berlin were ticketed and sent by Richard." See also Sayre 1976. – It is likely that Richard gave advice in the preparation of the manuscript and even prepared part of the descriptions, but Michaux regarded this work certainly as his own. His son saw the book through the press (*Hist. Chênes*, preface). Michaux must be cited as the author of the new taxa. The author citation is anyhow simply a bibliographical reference and not an award of merit. The book was published in two issues, quarto and octavo, with identical type setting and pagination. The octavo issue is on "papier grand raisin", The quarto issue is on "papier vélin", the quarto edition came out somewhat later: on 28 Mai 1803 it was not yet available (JT) . . . Since the two volumes were published at the same time and as a whole, it is necessary to take the addenda et corrigenda on p. [xii] of volume 1 into account for the orthography of new names published in the *Flora*. The 51 uncoloured copper engravings are all from drawings by P. J. Redouté.

Ref.: Anon., J. typogr. 6: 217. 1803 (30 germ. 11).
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Kuntze, O., Rev. gen. 1: cxxxvi. 1891.
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Michaux, François-André (1770-1855), French botanist; son of André M., whom he accompanied to the United States 1785-1790; travelled again in the U.S. 1801-1803 and 1806-1807. (*F. Michx*).

HERBARIUM and TYPES: No separate collections made by Michaux fils are known to exist. He may have based himself mainly on his father's herbarium. According to Deleuze (Hist. Muséum p. 319) F. A. Michaux' types are at P. – The original drawings for the *Histoire des arbres forestiers* are at the Bibliothèque Centrale of the Paris Muséum national d'Histoire naturelle.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 532, 2(1): 450; Backer p. 369; Barnhart 2: 485; BM 3: 1305; Bossert p. 266. CSP 4: 376, 12: 506; DAB (by H. B. Baker); Dawson p. 502, 515, 610; Frank 3(Anh.): 65; GF p. 68; GR p. 340; Hegi 7: 559; Herder p. 466; Hortus 3: 1199 ("Michx. f."); IH 2: 535; Jackson p. 360, 508; Kew 3: 675; Langman p. 505; Lasègue p. 576 [index]; Lenley p. 464; ME 1: 312, 3: 363, 365, 366, 371, 379-381, 736; NI 1360-1361; Plesch p. 335; PH 129; PR 6195-6197 (ed. 1: 6906-6910); Rehder 5: 571; TL-1/839-842, 929; Tucker 1: 483; Urban-Berl. p. 308, 375; Zander ed. 10, p. 692, ed. 11, p. 789.
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HANDWRITING: Candollea 32: 171-172. 1977; see also *in* J. F. Leroy, Bot. franç. Amér. nord *pl. xxx. 1957.*

5959. *Voyage à l'ouest des monts Alléghanys,* dans les états de l'Ohio, du Kentucky et du Tennessée, et retour a Charleston par les Hautes-Carolines; contenant des détails sur l'état actuel de l'agriculture et les productions naturelles de ces contrées, ainsi que des renseignements sur les rapports commerciaux qui existent entre ces états et ceux situés à l'est des montagnes et la Basse Louisiane; entrepris pendant l'an x-1802, sous les auspices de son excellence M. Chaptal, ministre de intérieur. Avec une carte très-soignée des états du centre, de l'ouest et du sud des États-Unis. Par André Michaux, M.D. membre . . . À Paris (de l'imprimerie de Crapalet. chez Levrault, Schoell et Compagnie, . . .) an xii-1804. Oct. (*Voy. ouest Alléghanys*).

Issue (a): 1804, p. [i*-iii*], [i]-vi, [1]-312, map. *Copy*: US (map absent). – Author's name as "André Michaux".

Issue (b): 1804, p. [i*, iii*], [i]-vi, [1]-312, map. *Copy*: NY. – Only difference with issue (a): author's name on t.p. "F. A. Michaux."

English translation, issue (*p*): 1805, p. [i]-xvi, [1]-350, map. *Copies*: NY, USDA. – "Travels to the westward of the Allegany mountains, in the states of the Ohio, Kentucky, and Tennessee, . . . undertaken in the year x, 1802, . . . by F. A. Michaux, . . . faithfully translated from the original french by B. Lambert. London (printed by W. Flint, . . . for J. Mawman, . . .) 1805. Oct. [translator: Aymler Bourke Lambert 1761-1842].

English translation, issue (*q*): 1805, p. [i]-xii, [1]-294. *Copies*: FI, NY. – "*Travels* . . . undertaken in the year 1802, . . . " London (printed by D. N. Shury, . . . for B. Crosby and Co. . . . and J. F. Hughes, . . .) 1805. Oct. (in fours).

5960. *Mémoire sur la naturalisation des arbres forestiers* de l'Amérique septentrionale, dans lequel on indique ce que l'ancien gouvernement avoit fait pour arriver à ce but, et les moyens, qu'il conviendroit d' employer pour y parvenir; suivi d'un tableau raisonné des arbres de ce pays, comparés avec ceux que produit la France ... À Paris (Chez Levrault, Schoel et Compagnie, ...) an xiii-1805. Oct. (*Mém. naturalis. arbr. forest.*).
Publ.: 1805 (p. 36: 22 Ventose an xiii, 13 Mar 1805), p. [1]-36, chart. *Copy*: MO. – Mém. Soc. Dép. Seine, tome 7.

5961. *Histoire des arbres forestiers de l'Amérique septentrionale*, considérés principalement sous les rapports de leur emploi [vol. 1; usage, vols. 2,3] dans les arts et de leur introduction dans le commerce, ainsi que d'après les avantages qu'ils peuvent offrir aux gouvernemens en Europe et aux personnes qui veulent former de grandes plantations. Paris (1: chez l'auteur ... de l'imprimerie de L. Haussmann et d'Hautel; 2, 3: de l'imprimerie de L. Haussman) 1810-1813, 3 vols. Qu. (*Hist. arbr. forest.*).
Issue (1): on "papier vélin grand in Quarto" (actually Oct. in fours), with double sets of plates, in black and in colour. *Copy*: USDA.
1: 1810 (t.p., for actual dates see below), p. [i], portr., [iii-viii], [1]-222, *pl. 1-14, 1-10.*
2: 1811 (t.p., id.), p. [i, iii], 1-128, *pl. 1-26*, p. 129-278, *pl. 1-24.*
3: 1813 (t.p., id.), p. [i-iii], 1-114, *pl. 1-11, pl. 1-9* (6 as "7"), *115-408*, [1-2, err.], *pl. 10-13* (10 as "11", 12 as "10"), *1-11, 1-11* (4 as "5"), *1-13, 1-5.*
Issue (2): on "ordinary" paper, with a single set of plates, in colour. *Copies*: BR (2,3), G, MO, NY. – *Imprint*: as in issue (1). *Precise dates*: see below. *Number* of copies printed: 400.
1: 1810, p. [i]-xii, [1]-222, *pl. 1-14, 1-10.*
2: 1812, p. [i-vii], [1]-280, *pl. 1-26, 1-24.*
3: 1813, p. [i-iii], [1]-[126], 129-408, [1-2, err.], *pl. 1-11, 1-13* (6 as "7", 10 as "11", 12 as "10"), *1-11, 1-11* (4 as "5"), *1-13, 1-5.*
Issue (3), of *vol. 1* only, as issue (2) but with imprint Paris (de l'imprimerie de L. Haussmann et d'Hautel). *Copies*: BR, HU, NY. – p. [i-ii; double in NY], [iii-v], [1]-41, [i-iii, t.p. Paris], [43]-119, [1, table], *pl. 1-14*, [i-v, Noyers], [149]-222, *pl. 1-10.*

Vol.	part	fasc.	text	plates	dates
1	1	1,2	1-150	*1-14*	9 Jul 1810
	2	3,4	151-222	*1-10*	Aug 1818
2	1	5,6	1-	*1-x, 5bis*	15 Apr 1811
	2	7,8	-128	*x-26*	Aug 1811
	3	9,10	129-206	*1-12, 4bis*	22 Nov 1811
	4	11,12	207-280	*13-24*	7 Mar 1812
3	1	13,14	1-70	*1-11*	14 Mai 1812
	2	15,16	71-130	*1-13*	24 Jul 1812
	3	17,18	131-172	*1-11*	2 Oct 1812
	4	19,20	173-244	*1-11*	4 Dec 1812
	5	21,22	245-310	*1-13*	22 Jan 1813
	6	23,24	311-410	*1-5*	19 Mar 1813

In vol. 3, part 2, *plate 6* is erroneously numbered *7*, *10* has no. *11*, *12* has no. *10*. In vol. 3, part 4, *plate 4* is erroneously numbered *5*. The figures of *plates 6* and *7* mentioned in the text of 3(6), are on *plates 4 and 5*.
Vol. 1, parts 1-2 (*Pins*, p. [i-iii], [43]-149, [1, table], *pl. 1-14*, 1810) issued separately as *Histoire des Pins et Sapins* ...
parts 3-4 (*Noyers*, p. [i-v], [151]-222, *pl. 1-10.* 1811) issued separately as *Histoire des Noyers* ... , *Copy*: PH.
Vol. 2, parts 5-8 (*Chênes*, p. [i-iii], [1]-128, [1, table], *pl. 1-26.* 1811) issued separately as *Histoire des Chênes* ... (not to be confused with A. Michaux' *Histoire des Chênes de l'Amérique*, Paris 1801) (BF 21 Mai 1811, erroneously as A. Michaux' work).
The 140 (138 plus 2 bis plates which were intended to replace the proper numbers) stipple engravings are colour-printed and retouched by hand. They are from drawings by P. Bessa (75), P. J. Redouté (32), H. J. Redouté (27), A. Riché (3) and A. Redouté [sic] (1). – Ms 328 of the Paris Muséum contains 147 [sic] of the original drawings. This is possible because some figures are combined on one plate.

Austrian edition; of *Chênes* 1842, loose leaves [1] and [2] text, *plates 1-26* (uncoloured; loose), portfolios with cover text: "*Die Eichen der Vereinigten Staaten von Nordamerika* und Canada nach Andreas Michaux. 26 Tafeln, mit der nöthigen Erklärung und den botanischen, englischen und deutschen Namen." Wien (Ludwig Förster's artistische Anstalt) 1842. – The two leaves of text have brief descriptions of the 26 species illustrated. *Copy*: MO.
Ref.: Junk, W., Rara 1: 64. 1900-1913 (collection).

5962. *The North American sylva,* or a description of the forest trees, of the United States, Canada and Nova Scotia. Considered particularly with respect to their use in the arts and their introduction into commerce; to which is added a description of the most useful of the European forest trees. Illustrated by 150 coloured engravings. By F. Andrew Michaux, ... Philadelphia (sold by Thomas Dobson. – Solomon Conrad), Paris (printed by C. d'Hautel) 1817-1819, 3 vols. Oct. (in fours). (*N. Amer. sylv.*).
Publ.: in three volumes 1817-1819, vols. 1 and 2 each in 2 half volumes, vol. 3. in 3 "half" volumes. *Copies*: FH (complete), L (3(5)missing), NY (complete), US (some half volume t.p.'s missing). See Sotheby no. 530 for an analytical collation. Plates printed in colour, finished by hand; for artists see French ed.

1(1): 1817, (BF 18 Jan 1817), p. [i*-iii*], [i]-xii, [1]-135, [136, cont.], *pl. 1-3, 4* ("6"), *5, 6* ("4"), *7-28*.
(*2*): 1817 (BF 9 Aug 1817), p. [i], [137]-268, [269], *pl. 29-50*. Text on p. [269]: "N. For the translation of the present half volume, I am indebted to my friend August L. Hillhouse, of Connecticut F.A.M.].
2(3): 1818 (BF 13 Jun 1818), p. [i-iii], [1]-116, [117, cont.], *pl. 51-75*.
(*4*): 1818 (BF 19 Dec 1818), p. [i], [117]-250, *pl. 76-100*.
3(5): 1819 (BF 10 Apr 1819), p. [i-iii], [1]-82, [83, cont.], *pl. 101-105, 106* ("107"), *107* ("106"), *108-125*.
(*6*): 1819 (BF 10 Jul 1819), p. [i], [83]-195, *pl. 126-133, 134* ("1re"), *135, 136* ("2"), *137* ("3"), *138, 139* ("4"), *140* ("5"), *141* ("6"), *142* ("7"), *143* ("8"), *144* ("9"), *145* ("10"), *146, 147* ("11"), *148* ("12"), *149* ("13"), *150* ("14"), [i, cont.].
(*7*): 1819, p. [i], 195-285, [286, err.], *pl. 151-156*. The title-page of this "half" volume calls for *156* plates.

Paris reissue in three volumes: 1819. *Copy*: MO. – "*The North American sylva,* or a description of the forest trees of the United States, Canada and Nova Scotia, considered particularly with respect to their use in the arts, and their introduction into commerce; to which is added a description of the most useful of the European forest trees. Illustrated by 156 coloured engravings. Translated from the French of F. Andrew Michaux, ... " Paris (printed by C. d'Hautel) 1819, 3 vols, Oct. (in fours).
1: [i*-v*], [i]-v (dated 20 Mai 1819), [1]-268, *pl. 1-50*.
2: [i-iii], [1]-247, *pl. 51-100*.
3: [i-iii], p. [1]-285, [286, err.], *pl. 101-105, 106* ("107"), *107* ("106"), *108-141, 143* ("144"), *144* ("143"), *145-156*.
Preface: by "A. L. H." Augustus Lucas Hillhouse (1791-1859), translator.

Paris reissue in two volumes: 1819. *Copies*: HU, NY, US, USDA. – "*The North American sylva,* [... as above ...] Nova Scotia, considered ... arts, and ... illustrated by 156 coloured engravings. Translated from the French of F. Andrew Michaux, ... Paris (printed by C. d'Hautel) 1819. 2 vols. Qu.
1: p. [i*, iii*, v*], [i]-v [dated 20 Mai 1819], [1]-112 ("112-136"), 137-385 ("383"), [1, cont.], *pl. 1-75*, col. copp.
2: p. [i, iv], *pl. 76*, [1]-417, [418, err.], *pl. 77-105, 106* ("107"), *107* ("106"), *108-142, 143* ("144"), *144* ("143"), *145-156*.
Preface: by "A. L. H." Augustus Lucas Hillhouse (1791-1859), translator.
Note: This two volume edition may have been published in seven parts between 1817 and 1819. Our information is still in complete.

5963. *Mémoire sur le Zelkoua,* Planera crenata. Arbre forestier originaire des bords de la Mer Caspienne et de la Mer Noire, particulièrement propre aux plantations des grandes routes, des avenues et des places publiques, dans les communes rurales ... par André-Michaux [i.e.

F. A. Michaux], ... À Paris (Chez Mme. Huzard, ... Arthus-Bertrand, ... Audot, ...) 1831. Oct. (*Mém. Zelkoua*).
Publ.: 1831 (submitted 13 Dec 1830, p. [24]: 12 Mar 1831), p. [i-iii], *1 pl.* (uncol.), [1]-20, [22, 24]. *Copy*: MO.
Note: for *Zelkova* Spach (1841, nom. cons.) see e.g. I.N.G. 3: 1888. 1979.

5964. *The North American sylva*; or, a description of the forest trees of the United States, Canada, and Nova Scotia, considered particularly with respect to their use in the arts, and their introduction into commerce; to which is added a description of the most useful of the European forest trees. Illustrated by 156 coloured engravings. Translated from the French of F. Andrew Michaux, ... with three additional volumes, containing all the forest trees discovered in the Rocky Mountains, the territory of Oregon, down to the shores of the Pacific and into the confines of California, as well as in various parts of the United States. Illustrated by 122 finely coloured plates. By Thomas Nuttall, F.L.S., ... the whole forming six volumes, and comprising 278 plates ... Philadelphia (J. Dobson, ... Printed by William Amphlett, New Harmony, Indiana) 1841-1842. Qu. (*N. Amer. sylv.*).
Publ.: The first three volumes of this *New Harmony edition* are a reprint of the 1819 Paris reissue (3 vols.) of the Hillhouse translation (no. 5962). Volumes 4-6, by Nuttall, are treated under that author. The plates are as in the 1819 reissue. *Copies*: MO (bound in 2 vols.), NY (complete).
1: 1841, p. [i]-xviii, [1]-122, *pl. 1-50* (as in 1819 reissue).
2: s.d. [1841], p. [i]-iv, 123-184, *pl. 51-76*, [1]-74, *pl. 77-100*.
3: 1842, p. [i]-iv, [75]-216, *pl. 101-105, 106* (as "107"), *107* (as "106"), *108-142, 143* (as "144"), *144* ("143"), *145-156*.

5965. *North American sylva*, or a description of the forest trees of the United States, Canada and Nova Scotia; considered particularly with respect to their use in the arts, and their introduction into commerce. To which is added a description of the most useful of the European forest trees. Illustrated by 156 colored engravings. Translated from the French of F. Andrew Michaux, ... in two volumes ... Cincinnati (published by W. Amphlett and Doolittle & Munson) 1842. Qu. (*N. Amer. sylv.*).
Publ.: A reissue in two volumes of the material contained in the first three volumes of the 1841 New Harmony edition treated above. The coloring of the plates is poor; they are still the same as those in the Paris 1819 Hillhouse translation. *Copy*: MO.
1: 1842, p. [i], [1]-184, *pl. 1-75*.
2: 1842, p. [i], 1-216, *pl. 76-105, 106* (*as "107"*), *107* (as "106"), *108-142, 143* (as "144"), *144* (as "143"), *145-156*.

5966. *The North American sylva*; or a description of the forest trees of the United States, Canada, and Nova Scotia, considered particularly with respect to their use in the arts, and their introduction into commerce; to which is added a description of the most useful of the European forest trees. Illustrated by 156 coloured copperplate engravings, by Redouté, Bessa, etc. Translated from the French of F. Andrew Michaux, ... with notes by J. Jay Smith, ... in three volumes ... Philadelphia (Robert P. Smith) New York (G. P. Putnam) 1850-1851. Qu. (*N. Amer. sylv.*).
Notes: John Jay Smith (1798-1881), see Barnhart 3: 294.
1: 1850 (p. viii, Feb 1850), p. [i]-viii, [1]-123, *pl. 1-50*.
2: 1850, p. [1]-128, *pl. 51-100*.
3: 1851, p. [i-ii], *pl. 101*, [1]-144, *pl. 102-105, 106* (as "107"), *107* (as "106"), *108-142, 143* (as "144"), *144* (as "143"), *145-156*.
Copy NY (t.p. vol. 1 lacking). – Plates as in 1819. For continuation see Nuttall.
Re-issue: 1853. *Copies*: MO, US. – Philadelphia (Robert P. Smith) 1853. Qu., 3 volumes as in 1850.
Re-issue: 1856. *Copy*: NY. – Philadelphia (A. N. Hart, ...) 1856. Qu., 3 volumes, as in 1850.
Re-issue: 1857. *Copies*: MO, NY. – Philadelphia (published by D. Rice & A. N. Hart, ...) 1857. Oct., 3 volumes, as in 1850.
Re-issue: 1859. *Copies*: G, NY(2), USDA. – Philadelphia (published by D. Rich & A. N. Hart, ...) 1859. Oct., 3 volumes, as in 1850.
Re-issue: 1865. *Copies*: MO, US (2 copies, on with portr. author), USDA. – Philadelphia (published by Rice, Rutter & Co., ...) 1865. Oct., 3 volumes as in 1850.

Re-issue s.d. (1865 or later). *Copies*: NY(2). – Philadelphia (Wm. Rutter & Co., ...) s.d., 3 volumes as in 1850, with portr. author.
All American editions used the French copper plates.

Michel, Étienne (fl. 1816), French publisher and (in part) editor of the "Nouveau Duhamel" (*Michel*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1305; NI 1362; PR 6198 ed. 1: 6911; TL-1/315 TL-1/1547; Tucker 1: 484.
Note: for the "Nouveau Duhamel" see TL-2/1547.

5967. *Traité du Citronier*, rédigé par M. Etienne Michel, éditeur du Nouveau Duhamel, ... à Paris (chez l'Auteur-Editeur, ... Arthus Bertrand, ... Deterville, ...) 1816. Fol. (*Traité Citronier*).
Publ.: 1816, p. [i-iii], [1]-82, *pl. 1-21* (colour printed), P. Bessa). *Copies*: FI, USDA. – Preprinted from Duhamel, Traité arbr. arbust. 7: 67-148, *pl. 22-42*. 1819. See footnote by Loiseleur-Deslongchamps in Traité 7: 67, for authorship.

Michel, Mathieu Joseph (1825-1890), Belgian self-taught botanist and workman at Fraipont; founder, 1876, of the "Société de Botanique de Fraipont et de Nessonvaux" consisting of workmen only. (*M. Michel*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 485; BL 2: 41, 691; Jackson p. 272; Morren ed. 10, p. 46; Rehder 1: 393.
Anon., Rev. Verviét. Hist. nat. 9(5/6): 53. 1952 (b. 25 Oct 1825, d. 5 Jul 1890).
Grondal, G., Biogr. Verviét., nos anciens botanistes 28-29. 1952 (b. 25 Oct 1825, d 5. Jul 1890); Rev. Verviét. Hist. nat. 9: 53. 1952.

EPONYMY: *Michelsonia* L. Hauman (1952) is dedicated to A. Michelson (fl. 1912), Russian traveller and explorer.

5968. Société de botanique de Fraipont et Nessonvaux. *Flore de Fraipont*, Nessonvaux et leurs environs, y compris toute la Vallée de la Vesdre, depuis Limbourg jusqu'à Chênée, le cours de l'Ourthe, depuis Hamoire jusqu'à la Meuse, les cours de la Hoëgne et le ruisseau dit le Waag, depuis Sart jusqu'à Pepinster, les bords de l'Amblève, depuis Nanceveux jusqu'à Douflamme et depuis Stavelot à la Cascade de Coo, les bords de la Meuse, d'Ougrée à Herstal, Ile Moncin et Jupille. Exploration par la Société, sous la direction de Mr. M. Michel, botaniste amateur. Étude de plantes récoltées depuis 1869 jusqu'en 1876. Verviers (imp. E. Piette et Cie.) 1877. 16-mo. (*Fl. Fraipont*).
Publ.: 1877 (Bot. Zeit. 7 Dec 1877), p. [1]-389. *Copies*: B, BR, G.
Additions: Bull. Soc. Bot. Belg. 18: 98-103. 1879.
Note: The title-page of this flora is a manifestation of an early emancipatory movement among the working class of the eastern part of the province of Liège, Belgium. Michel, as "botaniste amateur" simply "directed" the work of his society which consisted exclusively of workmen.

Micheletti, Luigi (1844-1912), Italian army officer, lichenologist and general floristic botanist. (*Micheletti*).

HERBARIUM and TYPES: TO; further material PAD (types), FI (Erytrea).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 486; BL 2: 343, 691; Bossert p. 266; CSP 17: 229-230; GR p. 535; IH 2: 535; Langman p. 505; LS 17809-17814; Rehder 1: 215; Saccardo 1: 110; Tucker 1: 484.
Baccarini, P., Bull. Soc. bot. Ital. 1913(2/3): 13 (b. 20 Aug. 1844, d. 18 Dec 1912).
Chiovenda, E., Nuovo Giorn. bot. ital. 31: 307. 1924 (herb. at TO; d. 28 Dec 1912).

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Sayre, G., Bryologist 80: 513. 1977 (bryoph. TO).

Micheli, Marc (1844-1902), Swiss botanist and landowner at Geneva; pupil of Hofmeister and Sachs; later collaborator of Alphonse de Candolle; burgomaster of Jussy; owner of the *Jardin du Crest* (Jussy), maintained as a private botanical garden for plant introduction and agricultural experiments. (*M. Mich.*).

HERBARIUM and TYPES: G (rd. 1904); includes the herbarium of F. S. Alioth (Basel). Micheli's library was dispersed after his death; his botanical correspondence was given to G in 1938.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 486; BM 3: 1305-1306; Bossert p. 266; CSP 8: 400, 10: 804, 17: 230; Dawson p. 760?; Herder p. 466 [index]; Hortus 3: 1199 ("Micheli, M."); IH 2: 535; Jackson p. 3, 372, 373; Kew 3: 676; Langman p. 505; Lasègue p. 21, 341; LS 17815; Morren ed. 10, p. 110; MW p. 321, suppl. p. 228; Rehder 5: 571; TL-2/1: 978, 1592; Tucker 1: 484; Zander ed. 10, p. 692, ed. 11, p. 789.
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Anon., Bot. Jahrb. 32 (Beibl. 72): 4. 1903 (d.); Bot. Not. 1903: 34 (d. 10 Jul 1902, err.); J. de Genève 1 Jul 1902 (fide Alph. de Candolle 1902); J. Bot., Morot, Bull. bibl. 16: lxxxviii. 1902 (d. 29 Jun 1902).
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Candolle, L. de, C.R. Soc. Arts Genève 16: 242-246. 1902.
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(2) *Papilionaceae, in* Warming, *Symb. fl. bras.* 20: 59-107. 3 Mai 1876; *Oenotheraceae, in* id 38: 45-46. 3 Mai 1892.
(3) *Alismaceae, Butomaceae, Juncagineae, in* de Candolle, *Monogr. Phan.* 2: 7-112, 952-953. Jun 1881.
(4) *Leguminosae, in* J. Donnell Smith, *Enum. pl. Guatem.* 4: 23-25. 1895.
(5) *Leguminosae, in* T. Durand and H. Pittier, *Prim. fl. costaric.* 1(1). 1891.

EPONYMY: *Micheliella* Briquet (1897) very probably commemorates M. Micheli (Briquet gives no derivation).

5969. *Note sur les Onagrariées du Brésil* et en particulier sur le genre Jussiaea par M. Marc Micheli. Tiré des Archives des sciences de la Bibliothèque universelle juin 1874. Avec l'autorisation de la direction. Genève (imprimerie Ramboz et Schuchardt ...) 1874. Oct. (*Not. Onagr. Brésil*).
Publ.: Jun 1874 (t.p. reprint; Flora rd. early Aug 1874; Bot. Zeit. 7 Aug 1874), p. [1]-30.
Copy: G. – Reprinted from Arch. Sci. phys. nat. Genève ser. 2. 42: 105-143. 1874.
Ref.: G. K., Bot. Zeit. 32: 512, 559-560. 1871.

5970. *Contributions à la flore du Paraguay* ... Genève (Librairie H. Georg, ...) 1883-1897, seven papers published in Mém. Soc. Phys. Hist. nat. Genève. Qu. (to be cited from journal).
Co-authors: John Isaac Briquet (1870-1931), Robert Hippolyte Chodat (1865-1934), Anne Casimir Pyramus de Candolle (1836-1918), Paul Jean Baptiste Maury (1858-1893).

	author	p.	pl.	vol.	date
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2 Id., suppl.	M. Micheli	75-98	*24-27*	30(7)	1889
3 Polygalac.	R. Chodat	99-114	*28-33*	30(8)	1889
4 Cypéracées	P. Maury	115-157	*34-45*	31(1)	1890
5 Malphighiacées	R. Chodat	1-27	*46-51*	31(2, no.3)	1892
6 Pipéracées	C. de Cand.	1-10	*52-54*	32(2)	1893
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2: Aug-Oct 1889 (Nat. Nov. Nov(1) 1889; Bot. Centralbl. 3 Dec 1889; Bot. Zeit. 27 Dec 1889; *Summary*, ibid. sér. 3. 20: 307-308. 1888), p. [75]-98, *pl. 24-27*.
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6: 1893 (Nat. Nov. Dec(1) 1893; Bot. Zeit. 1 Dec 1893), p. [1]-10, *pl. 52-54*. – Genève (as 5).
7: 1897 (Nat. Nov. Aug(2) 1897), p. [1]-45, *pl. 55-64*. – Genève (Imprimerie Rey & Malavallon), cover: Genève et Bale (Georg et Cie, ...).

5971. *Le jardin du Crest.* Notes sur les végétaux cultivés en plein air au château du Crest près Genève ... Genève (Imprimerie Rey & Malavallon ...) 1896. Qu. (*Jard. Crest*).
Publ.: Jun-Aug 1896 (p. ix: Mai 1896; Nat. Nov. Mai(1) 1897; Bot. Zeit. rev. 16 Sep 1896), p. [i]-ix, [x-xi], [1]-229, chart, *pl. 1-8. Copies*: FI, MO, NY, US, USDA.
Ref.: Schröter, Bot. Centralblatt 69: 350-351. 1897 (rev.).

5972. *Leguminosae langlasseanae.* Légumineuses récoltées dans les états mexicains de Michoacan et de Guerrero pendant les années 1898 et 1899 par Eugène Langlassé ... Genève (Imprimerie W. Kündig & fils) 1903. Qu. (*Légum. langlass.*).
Collector: Eugène Langlassé (x-1900).
Publ.: 1903 (Nat. Nov. Jun(3) 1903), p. [1]-52, *pl. 1-28* (B. Hérincq; uncol.). *Copies*: FI, L, MO, PH, US. – Mém. Soc. Phys. Hist. nat. Genève 34(3): 243-294. 1903.

Micheli, Pier' Antonio (Pietro Antonio) (1679-1737), Italian botanist, "oculatissimus Michelius" (L.), curator of the botanical garden of Firenze, "father of cryptogamy", founder of the Società botanica fiorentina; botanist to the grand duke of Tuscany. (*P. Mich.*).

HERBARIUM, MANUSCRIPTS and TYPES: FI; the herbarium (30.000 specimens) contains plants collected by Micheli himself as well as by Petiver, Scheuchzer and Sherard. See Parlatore (1874). Further material at BM-SL, CR, OXF. – Micheli's manuscripts are also at FI.

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EPONYMY: *Michelia* Linnaeus (1753); *Michelia* Adanson (1763); *Michelia* O. Kuntze (1891); *Micheliopsis* Hsuan Keng (1955); *Paramichelia* Hu (1940). *Note*: *Neomichelia* O. Penzig & P. A. Saccardo (1901) is dedicated to Pietro Antonio Michiel [sic] (1510-1576), Venetian patrician, connoisseur and collector of plants, one of the founders of the Hortus in Padova. Whether Saccardo's "journal" *Michelia*, Commentarium Mycologicum. Padua. Vol. 1-2. 1877-1882 is also dedicated to our author is not known with certainty.

5973. *Relazione dell'erba* detta da' botanici *Orobanche* e volgarmente succiamele, fiamma, e mal d'occhio. Che da molti anni in quà si è soprammodo propagata quasi per tutta la Toscana. Nella quale si dimostra con brevità, qual sia la vera origine di detta erba; perchè danneggi i legumi; e il modo di estirparla ... in Firenze (Nella Stamp. di S.A.R. per li Tartini, e Franchi ...) 1723. Oct. (*Relaz. Orobanche*).
Orig. ed.: 1723, p. [1]-47. *Copy*: FI.
Post-linnaean extract: 1754, p. [1]-34. *Copy*: FI. – *Compendio della relazione* del celebre botanico Pierantonio Micheli *intorno all'erba Orobanche* detta volgarmente Succiamele contenento l'unico e vero modo di estiparla ... in Firenze (appresso Andrea Bonducci ...) 1754.

5974. *Nova plantarum genera* juxta Tournefortii methodum disposita/Quibus plantae mdcccc recensentur, scilicet fere mcccc nondum observatae, reliquae suis sedibus restitutae; quarum vero figuram exhibere visum fuit, eae ad dl aeneis tabulis cviii. graphice expressae

sunt; adnotationibus, atque observationibus, praecipue fungorum, mucorum, affiniumque plantarum sationem, ortum, & incrementum spectantibus, interdum adjectis ... Florentiae (Typis Bernardi Paperinii, ...) 179. Folio (in sets of two). (*Nov. pl. gen.*).
Publ.: 1729, p. [i-xxiv], 1-234, *pl. 1-108* (uncol. copp.). *Copies*: FI, G, HU, NY, Stevenson, Teyler, US, USDA; IDC 6068. – Sixty plates for this volume are at BM. – Micheli's own copy containing some of the original drawings is at BM.
Additional volume: see J. Targioni Tozzetti, *Cat. veg. marin.* edited by O. Targioni Tozzetti, Florentiae 1826, iv, 91 p., *3 pl.*
Facsimile ed.: 1976, The Richmond Publishing Co. Ltd. 1976, with new introduction by D. L. Hawksworth, p. [i-vi, introd.], [i-xxiv], 1-232, *pl. 1-108. Copy*: U.

5975. Cl. Petri Antonii Michelii *Catalogus plantarum horti caesarei florentini* opus posthumum jussu societatis botanicae editum, continuatum; et ipsius horti historia locupletatum ab Jo. Targioni Tozzettio flor. med. d. rei herbariae prof. pub. ... Florentiae (ex Typographia Bernhardi Paperinii) 1748. Qu. (in twos). (*Cat. hort. florent.*).
Editor and part author: Giovanni Targioni Tozzetti (1712-1783).
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Michelin, Jean-Louis Hardouin (1786-1867), French administrator; magistrate, palaeontologist and algologist; one of the founders of the Société géologique de France. (*Michelin*).

HERBARIUM and TYPES: P, PC.

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Texte: In parts between 1840 and 1847 (p. viii: 8 Dec 1847), p. [i]-xii, [1]-348. *Planches*: id., p. [i-iii], *pl. 1-49*, uncol. liths. by Ludovic Michelin and Delarue fils. *Copy*: Teyler.

Michelis, Friedrich Bernard Ferdinand (1818-1886), German clergyman and botanist; priest at Albachten 1855-1864; subsequently professor of philosophy at the Braunsberg Lyceum. (*Michelis*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: ADB 52: 376; BM 3: 1306; CSP 17: 230; GR p. 112; Herder p. 140; Jackson p. 83; Kew 3: 676; LS 17818; PR 6204; Rehder 1: 261.
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Michener, Ezra (1794-1887), American physician, conchologist and botanist in Chester County, Pennsylvania; M. D. Univ. Penn. 1817. (*E. Michener*).

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BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 486; BM 3: 1306; Bossert p. 266; CSP 4: 379, 8:

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EPONYMY: *Michenera* Berkeley & Curtis (1868).

Michot, Norbert Louis (1803-1887), Belgian botanist; educated at Thuin and Tournay; abbé at Mons from 1840; almoner of the Carmelites (*Michot*).

HERBARIUM and TYPES: Some material at BR.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 486; BL 2: 38, 691; BM 3: 1307; CSP 4: 379, 17: 232; IH 2: 536; Kew 3: 677; Morren ed. 10 p. 46; PR 6207-6208 (ed. 1: 6918); Rehder 5: 572; Tucker 1: 484.
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Middendorff, Alexander Theodor von (Aleksandr Fedorovic Middendorf) (1815-1894), Russian biologist and explorer; Dr. med. Dorpat 1837; professor of zoology at Kiew 1839; to Siberia 1843-1844; at St. Petersburg 1845-1865; imperial counsel 1873. (*Middend.*).

HERBARIUM and TYPES: LE; further material at C, H, L, LY, MW, PR.

BIBLIOGRAPHY and BIOGRAPHY: ADB 52: 387-395; Backer p. 372; Barnhart 2: 486; BM 3: 1307-1308; CSP 4: 380-381, 8: 401, 10: 806, 17: 233; DSB 9: 374-375 (q. v. for recent biogr. refs.); Herder p. 12, 210, 235, 432; Jackson p. 191, 393; Kew 3: 677; Lasègue p. 418, 502; LS 17825-17825a; MW p. 321; PR 6209; Quenstedt p. 295; Ratzeburg p. 360-370 (detailed biogr.; bibl.) Rehder 5: 572; SBC p. 127 ("Midd."); TL-1/1127; TL-2/1: see Goeppert, H. R., TR 919-927; Tucker 1: 485.
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Publ.: in four volumes; of which 1(1), 1(2) and 4(1) with botany. *Copies*: BR, FI, NY, Teyler.
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Miège, Émile (*fl.* 1910), French botanist; Dr. Sci. Paris 1910; agricultural botanist at the École nationale d'agriculture de Rennes. (*É. Miège*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 487; Bossert p. 266; LS 3: 36984-36985, suppl. 18404-18411.

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Publ.: 17 Dec 1910, p. [3]-426, [1-2, cont.; 1, theses], *1 pl.* (col.). *Copies*: L, MO.

Miégeville, Joseph (1819-1901), French clergyman, botanist and explorer of the Pyrenees. (*Miégeville*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 485; Barnhart 2: 487; BL 2: 112, 691; CSP 4: 381, 8: 401, 10: 806, 12: 507, 17: 234; GR p. 340; Hortus 3: 1199 ("Miégev."; b. 1814); Kelly p. 149; LS 17830; PR (alph.); Rehder 2: 601; Zander ed. 10, p. 692, ed. 11, p. 789.

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Miers, John (1789-1879), British botanist and metallurgist; travelled in South America 1819-1838; later in London as private scientist. (*Miers*).

HERBARIUM and TYPES: BM, with all his notes and drawings; large sets of duplicates are at CGE, G and K.

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EPONYMY: *Miersia* J. Lindley (1826); *Miersiella* Urban (1903);) *Miersiophyton* Engler (1899).

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5982. *Contributions to botany,* iconographic and descriptive, detailing the characters of plants that are either new or imperfectly described; to which are added remarks on their affinities . . . London (vols. 2-3: and Edinburgh) (Williams and Norgate, . . .) 3 vols. 1851-1871. Qu. (*Contr. bot.*).
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*Genera described in journal with spp. listed; but latter described *only* in Contributions. Thus, species date from the Contributions, not from the journal.

5983. *On the Apocynaceae of South America* with some preliminary remarks on the whole family ... London, Edinburgh (Williams and Norgate, ...) 1878. Qu. (*Apocyn. S. Amer.*).
Publ.: Mai-Jun 1878 (Bot. Zeit. 2 Aug 1878; J. Bot. Jul 1878), p. [i-ii], [1]-291, *pl. 1-35* (uncol.; author). *Copies*: MO(2), NY, PH, U, US.
Ref.: Trimen, H., J. Bot. 16: 284-285. 1878.

Migout, Abel (1830-?), French botanist; high school teacher at Moulins (Allier). (*Migout*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 488; BL 2: 116, 691; BM 3: 1309, 7: 840; Kew 3: 680; PR 6214; Rehder 5: 573; Tucker 1: 486.
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5984. *Flore du département de l'Allier* description des plantes qui y croissent spontanément, classées suivant la méthode naturelle ... Moulins (Imprimerie A. Ducroux et Gourjon Dulac, ...) 1866. Oct. (*Fl. Allier*).
Ed. 1: 1866 (p. v: Jul 1866), p. [i*-iii*], [i]-xxiv, [1]-415, *pl. 1-24* (uncol.). *Copy*: NY.
Ed. 2: Mai-Jun 1890 (p. viii: Mai 1890; Nat. Nov. Jul(2) 1890; J. Bot. Sep 1890; Bot. Zeit. 26 Dec 1890), p. [i*-iv*], [i]-xvi, [1[-509. *Copy*: USDA. – "Flore ... *Allier* et des cantons voisins description ... deuxième édition complètement refondue et considérablement augmentée ... " Moulins (Imprimerie Fudez frères, ...) Oct.

5985. *Excursion botanique dans les montagnes du Bourbonnais* par A. Pérard ... A. Migout, ... Moulins (Imprimerie de C. Desrosiers) 1881. Oct.
Senior author: Alexandre Jules César Pérard (1834-1887).
Publ.: Aug-Dec 1881 (p. 19: 15 Jul 1881), p. [1]-19. *Copy*: BR. – Reprinted and to be cited from Bull. Soc. Émul. Allier 16: 572-588. 1881.

Migula, Emil Friedrich August Walther (1863-1938), German botanist; Dr. phil. Breslau 1888; lecturer, from 1893 professor of botany at the Technical University of Karlsruhe (1888-1904) and at the Forestry School of Eisenach (1904-1915). (*Mig.*).

HERBARIUM and TYPES: JE (Algae, lichenes). Exsiccatae: (1) *Kryptogamae* (*Cryptogamae*) *Germaniae, Austriae et Helvetiae exsiccatae* fasc. 1-62, 1500 nos., 1902-1933, details see GR, IH and Sayre (1969).
(2) *Characeae exsiccatae* fasc. 1-6, nos. 1-150, 1892-1901. Co-authors, P. Sydow (1851-1925), L. J. Wahlstedt (1836-1917), details see IH and Sayre (1969).

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KR p. 502; LS 36989-36993, suppl. 18429-18446; Moebius p. 70, 85, 86, 364; MW p. 322; Nordstedt p. 23, suppl. p. 11, 18; SBC p. 127 ("Mig."); Stevenson p. 1251.
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(2) *Schizomycetes, in* EP, *Die natürlichen Pflanzenfamilien* 1(1a): 2-41. Feb 1896.
(3) *Pascher, Süsswasserflora Deutschl., Österr. Schweiz, Charophyta,* 11: [207]-243, fig. i-xiv, 1925.

5986. *Die Characeen Deutschlands,* Oesterreichs und der Schweiz. Unter Berücksichtigung aller Arten Europas ... Leipzig (Verlag von Eduard Kummer) [1889-]1897. Oct. (*Charac. Deutschl.*).
Publ.: In 12 parts, see below, p. [ii-vii], [1]-765, [ix]-xiii, [1]. *Copies*: B-S, BR, G, NY. – Dr. L. Rabenhorst's *Kryptogamen-Flora von Deutschland,* Oesterreich und der Schweiz, ed. 2, vol. 5, *Die Characeen.* The dates of publication may taken to be those of citation in Nat. Nov. (1 = first half, 2 = second half month).

Part	pages	Nat. Nov.
1	1-64	Oct(2) 1889, date on cover 1890.
2	65-128	Dec(2) 1889, idem.
3	129-192	Jan(2) 1890
4	193-256	Jan(2) 1890
5	257-320	Jan(1) 1891
6	321-384	Aug(1) 1891
7	385-448	Mar(2) 1892
8	449-512	Jan(1) 1893
9	513-576	Jul(2) 1894
10	577-640	Sep(1) 1895
11	641-688	[not in Nat. Nov.], date on cover: 1896.
12	689-765	Jan(2) 1897
[ii-vii],[ix-xiii],[1]		Jan(2) 1897

Re-issue: 1900, identical with main edition except for the date on the t.p. *Copies*: B, G (ex bibl. Boissier), MICH, UC. – Leipzig (Verlag von Eduard Kummer) 1900. Oct.
Facsimile ed.: Johnson Repr. Corp., available, n.v.

5987. *Synopsis Characearum europaearum.* Illustrirte Beschreibung der Characeen Europas mit Berücksichtigung der übrigen Welttheile ... Als Auszug aus dessen Beschreibung der Characeen in Rabenhorst's Kryptogamen-flora, II. Aufl., V. Bd., gedruckt. Mit 133 Abbildungen und einer Einführung in das Studium dieser Gewächse ... Leipzig (Verlag von Eduard Kummer) 1898 [i.e. 1897]. Oct. (*Syn. Charac. eur.*).
Publ.: Oct-Nov 1897 (p. vi: 1887; t.p. 1898; Nat. Nov. Nov(2) 1897; Bot. Zeit. and Bot. Centralbl. 1 Dec 1897), p. [i]-vi, [1, h.t.], [1]-175, [176]. Copies: M, MO, NY(2). – Extract from Migula's treatment of the Characeae in Rabenhorst, *Kryptogamenflora.* (Rev.: B.P.G. Hochreutiner, Bot. Centralbl. 74: 271-272. 1898).

5988. *Kryptogamen-Flora von Deutschland,* Deutsch-Österreich und der Schweiz im Anschluss

an Thomé's Flora von Deutschland bearbeitet von Dr. W. Migula . . . Band I. *Moose*. Gera, R. (Friedrich von Zezschwitz . . .) [1901-]1904. Oct. (*Krypt.- Fl. Deutschl., Moose*).
Publ.: in 16 parts, 1901-1904, p. [i]-vi, [1]-512, *pl. 1-68* (partly col.). *Copies*: FI, H, MO, NY, U, USDA. Alternative t.p.: "Director Prof. Dr. Thomé's *Flora von Deutschland*, Österreich und der Schweiz in Wort und Bild. Band V *Kryptogamen-Flora* Moose, Algen, Flechten und Pilze (die Farne befinden sich in Band I) ca. 15000 Arten und Varietäten bearbeitet von Dr. W. Migula . . . Band I. Moose."

Lief.	pages	*pl.*	dates	Lief.	pages	dates
1	1-32	1-4	Aug 1901	8-10	193-272	Mai 1903
2	33-64	5-	Oct 1901	11-12	273-336	Aug 1903
3	65-96	-	Jan 1902	13	337-368	Dec 1903
4	97-128	-27	Apr 1902	14	369-384	Dec 1903
5	129-160		Aug 1902	15	385-400	Feb 1904
6	161-192		Nov 1902	16	401-448	Apr 1904
7	193-224		Jan 1903	17	i-vi, 449-512	Jul 1904

Plates: *Lief. 1*: *1, 2, 3, 4, 32, 40, 58, 140*. – We have not been able to ascertain the precise division of the plates over the Lieferungen.

5989. *Die Pflanzenwelt der Gewässer* . . . Leipzig (G. J. Göschen'sche Verlagshandlung) 1903. Oct. (Pfl.-Welt Gewäss.).
Publ.: 1903 (ÖbZ Apr-Mai 1903), p. [1]-116. *Copy*: NY. – Sammlung Göschen no. 158.

5990. *Exkursionsflora von Deutschland* zum Bestimmen der häufigeren in Deutschland wildwachsenden Pflanzen . . . Leipzig (G. J. Göschen'sche Verlagshandlung) 1902, vols. Oct. (*Exkurs.-Fl. Deutschland*)
Ed. 1: 2 vols., in Sammlung Goschen nos. 268-269. *Copies*: B, NY.
1: Apr 1906 (Bot. Zeit. 1 Mai 1906; Nat. Nov. Apr(2) 1906; ÖbZ Mar-Mai 1906), p. [1]-163.
2: Apr 1906 (idem), p. [1]-185.
Ed. 2: 1921 (Nat. Nov. Jul 1921), p. [1]-343. *Copies*: B, BR. – *Exkursionsflora von Deutschland* zum Bestimmen der häufigeren in Deutschland wildwachsenden Pflanzen . . ." Berlin und Leipzig (Vereinigung wissenschaftlicher Verleger Walter de Gruyter & Co. . . .) 1921. Oct.

5991. *Kryptogamen-Flora von Deutschland*, Deutsch-Österreich und der Schweiz im Anschluss an Thomé's Flora von Deutschland bearbeitet von Dr. W. Migula . . . Band ii. *Algen*. 1. Teil. Cyanophyceae, Diatomaceae, Chlorophyceae. Gera, R. (Verlag für die Botanik "Flora von Deutschland") [1905]-1907. Oct. (*Krypt.-Fl. Deutschland., Alg.*).
Publ.: *1. Teil*: 1905-1907, in 8 parts; p. [ii-iv], [1]-918, *pl. 1-6, 6b, 7, 7b-7d, 7k-7l, 8, 8b, 8c, 9-10, 10b-10g, 11-15, 15b-15e, 16-18, 18b-18c, 19-20, 20b, 21-22, 22b-d, 23, 23b-23d, 23k-23p, 24, 24b-24d, 25, 25b, 26, 26b, 27, 27b-27c, 27d, 28, 28b-28k, 29, 29b-29d, 30, 31-33, 33-34, 34b, 35, 35b-35d, 35k-35z, 36, 36b-36d, 36k-36s, 37-39, 39b-39h, 40-41, 41b, 42, 42b, 43, 43b-43e*, liths., some in col.
2. Teil: 1908-1909, in 3 parts, p. [ii-iv], [1]-383, *pl. 44, 44b-44d, 45, 45b, 46, 46b, 47, 47b-47h, 48, 49, 49b-49h, 50, 51, 51b-51c, 52b-52d, 52k-52n, 53, 53b-53d, 53k-53o, 54, 54b-54d, 54k-54z, 55, 55b-55F, 56, 56b-56f, 57, 57B-57f, 58, 59, 59b-59f, 60-69, 69b, 70-78*, uncol. liths.
Copies: G, USDA. – The G copy has a new imprint on a sticker: Berlin-Lichterfelde (Hugo Bermühler Verlag). *Alternative t.p.*: Direktor Prof. Dr. Thomé's *Flora von Deutschland*, Österreich und der Schweiz in Wort und Bild. Band VI Kryptogamen-Flora . . . Band II. Algen 1.[2.] Teil. – Vol. 6/7 of Thomé, Fl. Deutschland. Lief. 18-65.
Summary Algen (approximate dates).

Vol. Thomé	Lief.	Vol. Krypt.	pages	dates
6(1)	18/19	2(1)	1-48	Jan 1905
	20/21		49-112	Apr 1905
	22		113-144	Jul 1905

Vol. Thomé	Lief.	Vol. Krypt.	pages	dates
	23		145-176	Sep 1905
	24		177-208	Nov 1905
	25		209-224	Mar 1906
	26		225-256	Apr 1906
	27		257-288	Jul 1906
	28/30		289-384	Aug 1906
	31/32		385-448	Dec 1906
	33		449-480	Jan 1907
	34/35		481-544	Apr 1907
	36/40		545-688	Mai 1907
	41/46		689-864	Oct 1907
	47/48		865-918	Dec 1907
6(2)	49/53	2(2)	1-144	Jun 1908
	54/58		145-276	Oct 1908
	59/65		277-383	Jan 1909

Plates: We have not been able to ascertain the precise division of the plates over the Lieferungen; the plates did not appear in the same order as the text.

5992. *Allgemeine Pilzkunde* Einführung in die Kenntniss der wichtigsten Pilzgruppen ... Stuttgart (Verlag von Strecker und Schröder) s.d. [1909]. Oct. (*Allg. Pilzk.*).
Publ.: 1909 (Nat. Nov. Sep(2) 1909) p. [i]-vii, [1]-104, *pl. 1-5*. *Copies*: B (9.Tausend), USDA (1.-6. Tausend).

5993. *Kryptogamen-Flora von Deutschland,* Deutsch-Österreich und der Schweiz im Anschluss an Thomé's Flora von Deutschland bearbeitet von Dr. W. Migula. Band iii. *Pilze.* Gera (Verlag von Friedrich von Zezschwitz), Teil 4(1) Berlin (Hugo Bermühler Verlag), 4(2) Leipzig (Akademische Verlagsgesellschaft M. B. H.). 1910-1934, 4 Teile. Oct. (*Krypt.-Fl. Deutschl., Pilze*).
Publ.: in parts, 1908-1935, see *summary*, below. *Copies*: BR, G, Stevenson. – *Alternative title*: "Direktor Prof. Dr. Thomé's Flora von Deutschland, Österreich und der Schweiz in Wort und Bild. Band viii. Kryptogamen-Flora Moose, Algen, Flechten und Pilze (die Farne befinden sich in Band i) ca. 30.000 Arten und Varietäten bearbeitet von Dr. W. Migula ... Band iii. Pilze." Also: vols 8-11 of Thomé, Fl. Deutschland.

Teil 1: 1908-1910, in parts. p. [ii-iv], [1]-510, *pl. 1, 1b-l, 2, 2b-v, 3, 3b-k, 4, 4b-i, 5, 6, 6b-f, 7, 7b-n, 8, 8b-k, 9, 9b-k, 10, 10b-e, 11, 11b, 12* (some in colour).
Teil 2, Abt. 1: 1910-1912 p. [ii-iii], [1]-400, *pl. 13, 13b, 14, 14b-c, 15, 15b, 16, 17, 17b-g, 18-24, 24b-c, 25, 26, 26b-c, 27, 27b-c, 28-30, 30b-c, 31, 32, 32b-c, 33, 33b-f, 34, 34b, 35-39, 39b, 40-42, 42b-42e, 43, 43b-d, 44, 44b-c, 45, 45b-45d, 46, 46b, 47, 47b-c, 48, 48b, 49, 49b, 50b-h, 51, 51b-c, 52, 53, 53b-k, 54, 54b-q, 55, 56, 56b-e, 57, 57b-e, 58b-e, 59, 59b-d, 60, 60b, 61, 61b-h, 62, 62b-c, 63, 63c, 64, 64b-c, 65, 65b-c, 66, 66b-f, 67, 68, 68b, 69, 69b-h, 70, 70b, 71, 72*; (col.).
Teil 2, Abt. 2: 1911-1912 p. [ii-iii], 401-814, *pl. 73-80, 80b, 81-84, 84b, 85-93, 93b, 94-100, 100b, 101, 101b-f, 102-105, 105b, 106, 106b, 107-110, 110b, 111-123, 123b-123k, 124-125, 125b-c, 126, 126b-f, 127-128, 128b, 129, 130, 130b-c, 131, 132, 132b, 133, 134, 135b-e, 136, 136b-e, 137, 137b-e, 138-139, 139b, 140, 141, 141b, 142-146*. (col.).
Teil 3, Abt. 1: 1912 p. [ii-iv], [1]-683, *pl. 1-100* (mostly uncol.).
Teil 3, Abt. 2: 1913 p. [ii-iv], [685]-1404, *pl. 101-200* (id.).
Teil 4, Abt. 1: 1914-1921 p. [ii-iv], [1]-614, *pl. 1-90* (id.).
Teil 4, Abt. 2: 1934-1935 (p.v: Sep 1934), p. [ii]-viii, [1]-629, *pl. 91-171* (id.). All parts publ. 1934; 1: [1]-16, *pl. 105, 95, 98*; 2: 17-32, *pl. 91-92, 96*; 3: 33-64, *pl. 93-94*; 4: 65-160, *pl. 97, 99-104, 106-119*; 5: 161-320, *pl. 120-140*; 6: 321-432, *pl. 141-154*; 7: [ii]-viii, 433-629, *pl. 155-171*.

Summary of dates of publications, Pilze (division of plates over Lieferungen not ascertained):

Thomé vol	Thomé Lief.	Theil Krypt.	pages	dates
8	66-69	1	1-80	Aug 1908
	70-72		81-128	Jun 1909
	73-75		129-176	Sep 1909
	76-79		177-240	Nov 1909
	80-81		241-272	Dec 1909
	82-90		273-416	Mar 1910
	91-96		417-510	Jul 1910
9	97-101	2(1)	1-64	Dec 1910
	102		65-80	Jan 1911
	103-108		81-176	Mar 1911
	109-112		177-240	Jun 1911
	113-114		241-273	Jul 1911
	115-123	2(1,2)	273-416	Nov 1911
	124-135	2(2)	417-608	Jan 1912
	136-146		609-814	Apr 1912
10	149-162	3(1)	1-336	Sep 1912
	163-176		337-624	Nov 1912
	177-178		625-684	Dec 1912
	179-194	3(2)	684-1068	Mar 1913
	195-206		1069-1324	Aug 1913
	207-211		1325-1404	Dec 1913
11	212-223	4(1)	1-288	Apr 1914
	224-233		289-512	Mai-Dec 1914
	234-235		513-544	Feb 1920
	236-237		545-576	Jun 1921
	238-243		577-614	Sep 1921
	308-310	4(2)	1-64	Jan-Jun 1934
	311		65-160	Jul 1934
	312		161-320	Oct 1934
	313		321-432	Oct 1934
	314		i-viii, 433-629	Feb 1935

5994. *Praktisches Pilz-Taschenbuch.* Anleitung zum Sammeln und Bestimmen unserer wichtigsten essbaren und giftigen Pilze ... Stuttgart (Verlag von Strecker und Schröder) s.d. [1910] Oct. (*Prakt. Pilz-Taschenb.*).
Publ.: Jul-Sep 1910 (preface Jun 1910; Nat. Nov. Sep(2) 1910; Bot. Centralbl. 8 Nov 1910), p. [i-viii], [1]-145, *pl. 1-15* (col.). *Copy*: NY. – Naturwissenschaftliche Wegweiser, ed. Kurt Lampert, Serie A, Band 20/21. – 19th thousand Stuttgart 1919 (Nat. Nov. Jul 1919).

5995. *Die Desmidiazeen* ein Hilfsbuch für Anfänger bei der Bestimmung der am häufigsten vorkommenden Formen von Prof. Dr. W. Migula Eisenach. Mit 7 Tafeln. Stuttgart (Franckh'sche Verlagshandlung) 1911. Oct. (*Desmidiazeen*).

Ed. 1: Aug-Sep 1911 (p. 3: Apr 1911; Nat. Nov. Aug(1) 1911; US rd. 25 Oct 1911), p. [1]-65, *pl. 1-7* (uncol. liths. on p. [66-72], no. 1 on verso p. 65; nos. 2-7 two/leaf). *Copies*: B(2), BR, G, US. – Handbücher für die praktische naturwissenschaftliche Arbeit vi.
Ed. 2: Jan-Jul 1924 (p. 2; on p. 3: Aug 1923; Nat. Nov. Jul 1924), p. [1]-47, [48-49, cont.; 50-56 with *pl. 1-7*]. *Copy*: B.
Ref.: J., Österr. bot. Z. 61: 45. 1911 (rd. Sep 1911).

5996. *Die Grünalgen* ein Hilfsbuch für Anfänger bei der Bestimmung der am häufigsten vorkommenden Arten von Prof. Dr. W. Migula Eisenach mit einer kurzgefassten, illustrierten Anleitung zum Sammeln und Präparieren von Dr. Georg Stehli. Mit 8 Tafeln. Stuttgart (Franckh'sche Verlagshandlung) s.d. [1912]. Oct. (*Grünalgen*).
Co-author: Georg Stehli.
Publ.: Nov 1912 (Bot. Centralbl. 3 Dec 1912; Nat. Nov. Dec(2) 1912), p. [1]-74, *pl. 1-8*

(uncol., on 4 lvs.). *Copies*: B, BR, G. Handbücher für die praktische naturwissenschaftliche Arbeit x.
Ed. 2: 1926 (p. 2), p. [1]-54, *pl. 1-8* (id.). *Copy*: B. – Noted as of 1928 by Nat. Nov. Jun 1928.

5997 *Die Spaltalgen* ein Hilfsbuch für Anfänger bei der Bestimmung der am häufigsten vorkommenden Arten nebst einer kurzgefassten Anleitung zum Sammeln und Präparieren ... Stuttgart (Franckh'sche Verlagshandlung) s.d. [1915]. Oct. (*Spaltalgen*).
Ed. 1: 1915 (cover; Nat. Nov. Feb(1,2) 1916), p. [1]-73, *pl. 1-5* (uncol.; on 3 leaves). *Copies*: B, BR, US, USDA. – Handbücher für die praktische naturwissenschaftliche Arbeit, Band xii.
Ed. 2: 1925 (Nat. Nov. Mai 1925), p. [1]-57, *pl. 1-5* (on p. [58-62]). *Copies*: B(2).

5998. *Die Brand- u. Rostpilze* ein Hilfsbuch zu ihrem Erkennen, Bestimmen, Sammeln, Untersuchen und Präparieren von Prof. Dr. W. Migula Eisenach. Mit 10 Tafeln. Stuttgart (Franckh'sche Verlagshandlung) 1917. Oct. (*Brand- u. Rostpilze*).
Ed. 1: 1917 (Nat. Nov. Sep(1,2) 1917), p. [1]-132, *pl. 1-10* (on 5 leaves). *Copies*: B(2), BR, G, Stevenson. – Handbücher für die praktische naturwissenschaftliche Arbeit. Band xiii.
Ed. 2: 1922 (Nat. Nov. Dec 1922) p. [1]-111, *pl. 1-8* (on 4 lvs.). *Copy*: B. – "... 2. Auflage. Geschäftstelle des Mikrokosmos: Franckh'sche Verlagshandlung, Stuttgart."
Ed. 3: 1925 (ÖbZ Oct-Nov 1925), p. [1]-111, *pl. 1-8. Copy*: USDA. – "... 3. Auflage. Geschäftstelle des Mikrokosmos: Franckh'sche Verlagshandlung. Stuttgart."

5999. *Meeresalgen und Armleuchter-Gewächse* ein Hilfsbuch zum Erkennen, Bestimmen, Sammeln, Untersuchen und Präparieren der am häufigsten vorkommenden Formen von Prof. Dr. W. Migula Eisenach. Mit 10 Tafeln. Stuttgart (Geschäftsstelle des Mikrokosmos: Franckh'sche Verlagshandlung) 1922. Oct. (*Meeresalgen*).
Publ.: 1922 (Nat. Nov. Nov 1922), p. [1]-91, [92-101 = *pl. 1-10*]. *Copies*: B(2), G. – Handbücher für die praktische naturwissenschaftliche Arbeit, Band xv.

6000. *Die essbaren und giftigen Pilze* aus Professor Dr. W. Migulas Kryptogamenflora von Deutschland mit 80 farbigen Tafeln in Originalgrösse Bestimmungsbuch der wichtigsten Pilzarten zum Gebrauche für Jedermann. Berlin-Lichterfelde (Hugo Bermühler Verlag). s.d. [1925]. Oct .(*Essb. gift. Pilze*).
Publ.: 1925 (p. [ii]; Nat. Nov. Sep 1925), p. [i]-iv, [1]-102, *pl.11-198, 196, 197, 192, 194, 195, 189, 39, 16, 1-21, 24, 24d, 23, 24c, 25, 27c, 28, 33f, 38, 39, 41, 42c, 42, 42b, 42d, 42e, 45c, 44b, 45d, 46b, 43, 43b, 45, 43d, 43c, 42, 44c, 47b, 47c, 50, 51c, 51, 53, 54f, 56b, 56d, 57, 59, 56, 61f, 61, 61h, 65b, 61d, 61c, 63, 69e, 69h, 80b, 84b, 87, 108, 109, 114, 126, 126b, 126f, 126d, 125, 126e, 127, 138, 136, 136b, 136c, 137d, 140, 135b, 135c* (coloured). *Copies*: BR, Stevenson, USDA.

6001. *Die Flechten* ein Hilfsbuch zum Erkennen, Bestimmen, Sammeln, Untersuchen und Präparieren der am häufigsten vorkommenden Formen von Prof. Dr. W. Migula Eisenach. Mit 10 Tafeln. Stuttgart (Geschäftsstelle des Mikrokosmos: Franckh'sche Verlagshandlung) s.d. [1926]. Oct. (*Flechten*).
Publ.: Feb-Mai 1926 (p. ii; ÖbZ Feb-Mai 1926), p. [i-ii], [1]-80, *pl. 1-10* (on 5 lvs.). *Copies*: B, PH, Stevenson. – Handbücher für die praktische naturwissenschaftliche Arbeit, Band xix.

6002. *Die Laubmoose* ein Hilfsbuch zum Erkennen, Bestimmen, Sammeln, Untersuchen und Präparieren der am häufigsten vorkommenden Formen ... Stuttgart (Geschäftsstelle des Mikrokosmos: Franckh'sche Verlagshandlung) s.d. [1928]. Oct. (*Laubmoose*).
Publ.: 1928 (Nat. Nov. Dec 1928), p. [i-ii], [1]-70, *pl. 1-10. Copy*: B. – Handbücher für die praktische naturwissenschaftliche Arbeit, Band xx.

6003. *Kryptogamen-Flora von Deutschland*, Deutsch-Österreich und der Schweiz im Anschluss an Thomé's Flora von Deutschland bearbeitet von Prof. W. Migula. Band iv. *Flechten.* Berlin-Lichterfelde (Hugo Bermühler Verlag). 2 Teile, [1925-] 1929-1931. Oct. (*Krypt.-Fl. Deutschl., Flecht.*).
Publ.: in 64 parts (covers give contents but no dates). *Copies*: Stevenson, USDA (orig. covers). The plates are listed below in accordance with the USDA copy; they are uncoloured except when indicated. – Vol. 12, Thomé, Fl. Deutschl.

Teil 1: 1925-1929 (p. [vi]: Nov 1928), p. [ii-vii], [1]-527, *pl.*: see below.
Teil 2: 1927-1931, p. [ii-iii], [1]-868, *pl.*: see below.

Teil	Lieferung	pages	plates	dates
1	1	[1]-48	*42-44, 65-66, 71*	Sep 1925
	2	49-96	*63-64, 69-70*	Jan 1925
	3	97-128	*3, 21, 45* (col.)	Jan 1925
	4	129-160	*62, 67, 68; 17* (col.)	Nov 1925
	5	161-192	*73,74,75;22* (col.)	Nov 1925
	6	193-224	*7,10,27* (col.)	Feb 1926
	7	225-256	*35,40* (col.)	Feb 1926
	8	257-288	*41,80* (col.)	Feb 1926
	9	289-320	*2,5* (col.)	
	10	321-352	*26,27* (col.) (*27* to be substituted by *61g*)	
	11/12	353-384	*14-16* (col.)	Sep 1926
	13/14	385-416	*18-19,34,61g* (col.)	
	15	417-432	*29b, 36b,36c,36d,55b,55c*	Dec 1926
	16	433-448	*55d,61k,61m,76b,81b,81c*	Jan 1927
	17	449-464	*1,13,10* (col.)	Jan 1927
	18	465-480	*23,34,39* (col.)	
	19	481-496	*12,25,59d* (col.)	Apr 1927
	20	497-512	*32,59c,60b* (col.)	Apr 1927
	21	513-527	*4,6,8*	Aug 1927

Teil	Lieferung	pages	plates	dates
2	22	[1]-16	*9,28,29*	Aug 1927
	23	17-32	*30-31,33*	
	24	33-48	*36,61c,61k*	
	25	49-64	*11,37,46*	
	26	65-80	*47,48,55e*	
	27	81-96	*38-39,50*	
	28	97-112	*51-53*	
	29	113-128	*54-56*	Jul 1928
	30	129-144	*56b,58,58b*	Jul 1928
	31	145-160	*57,59,59b*	
	32	161-176	*60-61,61f*	
	33	177-192	*61b,61d,61e*	
	34	193-208	*61h,61i,61l*	
	35/36	209-240 [ii-vii, of vol.1]	*60c,72,72b,72c,77,78*	Aug 1929
	37/38	241-272	*79,81,83,85,86,87b*	
	39/40	-	*76,61-0,62b,62c,62d,62e,65b, 65c,65d,98-99,100,106,109, 110,128b,130b*	
	41/42	273-304	*76c,77b,78b,80b,81,82c* (col.)	
	43/44	305-336	*83d,84,88,89,90,91* (col.)	
	45/46	337-368	*92,93,94,95,96,97* (col.)	Jul 1930
	47/48	369-400	*102-108* (col.)	
	49/50	401-432	*111-116* (col.)	Dec 1930
	51/52	433-464	*125-128, 128c, 143* (col.)	Dec 1930
	53/54	465-496	*117-122* (col.)	Jan-Mar 1931
	55/56	497-528	*123-124,129-132* (col.)	Jan-Mar 1931
	57/58	529-560	*130-136,138-139* (col.)	Jan-Mar 1931
	59/60	561-640	*140-142* (col.)	
	61/62	641-768		
	63/64	769-868, [ii-iii]	*82b,83b,83c,87,101,121b, 129b,131b,131c,137*	Apr 1931

Ref.: Bachmann, E., Hedwigia 68(Beibl. 1): (16)-(18). 1928 (rev. vol. 1).
Grummann, V. J., Hedwigia 72(Beibl. 1): (42)-(43). 1932 (rev. vols. 1 and 2).

6004. *Lebermoose und Torfmoose* ein Hilfsbuch zum Erkennen, Bestimmen, Sammeln, Untersuchen und Präparieren der am häufigsten vorkommenden Formen ... Stuttgart (Geschäftsstelle des Mikrokosmos: Franckh'sche Verlagshandlung) 1932. Oct. (*Leberm. Torfm.*).
Publ.: 1932 (Hedwigia 20 Dec 1933; Nat. Nov. Jan 1933), p. [1]-48, *pl. 1-8* (*uncol.*). *Copies*: B, MO.

Mik, Josef (1839-1900), Moravian botanist and dipterologist; studied at the Olmütz gymnasium 1850-1857; at the University of Vienna 1857-1861; high school teacher at Görz 1861-1865, at Linz 1865-1867, at Freistadt 1867-1871; from 1871-1899 professor at the academic gymnasium in Wien and school inspector; Schulrath 1894; Franz Joseph Order 1899. (*Mik*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(2): 454; Barnhart 2: 488; BM 3: 1310; Bossert p. 266; CSP 4: 384, 8: 402, 10: 808, 12: 508, 17: 238-239; DTS 1: xxi, 191; Futák-Domin p. 395; Klášterský p. 127; PR 6216; Rehder 1:441; Saccardo 2: 73.
Anon., Bot. Centralbl. 84: 208. 1900 (d. 15 (err.) Oct 1900); Bot. Not. 1901: 114 (d.); Entomol. Nachr. 26: 363. 1900 (obit., d. 13 Oct 1900); Leopoldina 36: 180. 1900 (d. 13 Oct 1900); Österr. bot. Z. 50: 419. 1900 (d. 13 Oct 1900); Verh.zool. bot. Ges. Wien 50: 462. 1900 (d. 13 Oct 1900); Mitt. naturw. Ver. Troppau 6: 245-246. 1900 (obit., portr.; from "Insectenbörse" nr. 45); Zool. Anz. 23: 680. 1900 (d.).
Brauer, F., Wiener entom. Zeit. 20: 1-7. 1901 (obit., portr., bibl. additional to Mik 1891).
Carpenter, M. M., Amer. Midl. Natural. 33(1): 69. 1945 (biogr. refs.).
Gilbert, J., Comp. biogr. lit. deceased entom. 257-258. 1977 (biogr. refs).
Mik, J., Wiener entom. Zeit. 1891: 65-96 (bibl.).
Osten Sacken, C. R., Record of my life work in entomology 164-180. 1903 (on Mik's opposition to O. S.' system of Diptera).
Papavero, N., Essays hist. neotrop. dipterol. 2: 326-327. 1975.
Verrall, G. H., Trans. entom. Soc. London, Proc. 1: xliv-xlv. 1900.
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NOTE: Mik published a *Herbarium für Schüler*, sowie Pflanzen-Etiquetten zur Anlegung von Schüler-Herbarien. Wien (A. Pichler's Witwe und Sohn) 1886 (reissued 1889, 1890); ed. 2 1892 (see e.g. J., Österr. bot. Z. 37: 109. 1887). We failed to locate a copy of Mik, *Beitrag zu einer Phanerogamenflora von Freistadt*, 1871, facsimile ed. 1942 (with notes by J. Rohrhofer; see E. Janchen, Cat. fl. austr. 1: 20. 1956).

6005. *Flora der Umgebung von Olmütz.* Eine systematische Aufzählung der um Olmütz wildwachsenden, und im Freien kultivirten phanerogamischen Pflanzen, nebst einem Schlüssel zur Bestimmung der Gattungen in analytischer Anordnung. Von Joseph Mik, Candidat für das Gymnasial-Lehramt zu Wien, mit einem Vorworte von Karl B. Heller [*fl.* 1860]. Professor ... Theresianischen Akademie zu Wien. Olmütz (Verlag von Eduard Hölzel) 1860. Oct. (*Fl. Olmütz*).
Publ.: Jun-Dec 1860 (p. [vi]: Mai 1860), p. [i*-ix*], [i]-lxiv, [1]-148, [1-8, index]. *Copy*: B.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 19: 91-92. 5 Apr 1891 (rev.).

Mikan, Johann Christian (1769-1844), Bohemian (Czech) botanist and entomologist; Dr. med. Praha 1793; professor of natural history Praha 1800-1831; travelled in Brazil with Pohl 1817-1819. (*J. C. Mikan*).

HERBARIUM and TYPES: W; dupl. BR, PR, PRC. – The collections of the Austrian explorers of Brazil, Mikan, Pohl, Natterer and Schott were originally deposited at the Brazilian natural history museum "in der Johannisgasse im Graf Harrachischen Hause", under the responsibility of the "Hofnaturalienkabinett". The collections were later moved to the "Naturhistorisches Hofmuseum," now W. (see e.g. Flora 5(2): 465-468. 1822).

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 601; Backer p. 372; Barnhart 2: 488; BM 3: 1310; Bossert p. 266; CSP 4: 384; Dryander 5: 38; Frank 3 (Anh.): 65; Futák-Domin p. 395; GF p. 68; Herder p. 225; Hortus 3: 1199 ("Mikan, f."); IH 2: 538; Jackson p. 371; Kew 3: 680; Klášterský p. 128; Lasègue p. 332, 477, 505; Maiwald p. 60, 62, 63, 281; NI 1367; PR 6217 (ed. 1: 6924-6927); RS p. 119; SO 11a, 576; TL-1/844; Tucker 1: 486; WU 18: 263-265; Zander ed. 10, p. 692, ed. 11, p. 789.

Anon., Bonplandia 8: 218. 1860 (coll. im sogennanten Brasilischen Kabinet, ... Johannesgasse, ...); Bot. Not. 1845: 32; Bot. Zeit., Regensb. 4: 157-158. 1805; Bot. Zeit. 3: 120. 1845; Flora 28: 112. 1845 (d. 28 Dec 1844); Portraiten-Gallerie berühmter Aerzte und Naturforscher des österreichischen Kaiserthumes (verstorbener und lebender). Wien 1838, portrait no. 24; Preslia 51(1): 46. 1979 (b. 5 Dec 1769, d. 24 Dec 1844).

Beck, G., Bot. Centralbl. 33: 281. 1888 (Braz. coll. at W), 34 150. 1888.

Gilbert, P., Comp. biogr. lit. deceased entom. 258. 1977.

Kopetz, H. R. u. L. Kleinwächter, Mitt. nordböhm. Excurs.-Club Leipa 24: 396-297. 1901.

Kühnel, Thad. Haenke 20, 149. 1960.

Maiwald, P. V., Jahresber. öffent. Stifts-Obergymn. Braunau 1901: 13. (Die opizische Periode in der floristischen Erforschung Böhmens); see also Österr. National-Enzyklopädie 3: 66. 1835.

Mikan, J. C., *in* Martius, C. F. P., FLora 20, Beibl. 37: 95-170. (Reise-Notizen aus Brasilien).

Neilreich, A., Verh. zool. bot. Ver. Wien 5: 47. 1855 (coll. W).

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Papavero, N., Essays neotrop. dipterol. 1: 61, 118, 1971.

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Poggendorff, J. C., Biogr.-lit. Handw.-Buch 2: 149. 1863.

Pritzel, G. A., Linnaea 19: 457-458. 1846 (b. 5 Dec 1769, d. 28 Dec 1844).

Sachs, J. v., Hist. botanique 398. 1892.

Sherborn, C. D., Ind. Anim. ser. 2. 1: xcccviii. 1925.

Skalický, V., Nov. bot. Inst. bot. Univ. Carol. Prag 1967: 37-44 (*iconography*).

Stearn, W. T., J. Soc. Bibl. nat. Hist. 3: 135-136. 1956 (on *Delectus*).

Urban, I., Fl. bras. 1(1): 64. 1906 (itin.).

Weitenweber, W. L., Lotos 2: 63-65. 1852.

Wetmore, A., Auk 42: 283. 1925.

Wettstein, R. v., Lehrkanz. syst. Bot. Prag 4, 7, 8, 9. 1899, Österr. bot. Z. 49(2): 42, 96. 1899 (coll. PRC).

Zuchold, E. A., Jahresber. naturf. Ver. Halle 5: 40. 1853.

ICONOGRAPHY: J. C. Mikan's unpublished iconography of the Bohemian flora is at the Library of Charles University, Prague. The drawings are by F. Čepelka (9) and by F. Seidel (1). See Skalický, V. (1967).

6006. *Delectus florae et faunae brasiliensis* jussu et auspiciis Francisci I Austriae imperatoris investigatae. Auctore J. C. Mikan ... Vindobonae [Wien] (sumtibus auctoris, typis Antonii Strauss) 1820[-1825]. Broadsheet (*Del. fl. faun. bras.*).

Publ.: In four parts, p. [1-52], *24 col. pl. Copies*: FI, G, MO, NY; IDC 6069. – Twelve of the 24 unnumbered plates are botanical; the numbers are those assigned by Stearn (1956); nos. *1* and *7* as well as the analysis of no. *2* are by Ferd. Bauer; nos. *2, 9, 14* are by Buchberger (from living plants in Brazil), nos. *19, 20, 21* are by Satory. Each part contained 6 plates accompanied by 6 lvs. of text. The cover of the NY copy gives the contents of the 4 parts; this cover is dated 1823 (not 1825). Even so it is likely that fasc. 1, appeared only in 1825. (see e.g. Stearn 1956).

part	*plates*	dates	part	*plates*	dates
1	*1-6*	1820, sero	3	*12-17*	Jul-Oct 1823
2	*7-11a*	1822, medio	4	*18-23*	1825

1: *Stifftia chrysantha* (1)
Conchocarpus macrophyllus (2)

3: *Metternichia principis* (13)
Echitis tenuifolia (14)

part	*plates*	dates	part	*plates*	dates
	Dichorisandra thysiflora (3)			*Griffinia tenuifolia* (15)	
2:	*Vellosia candida* (7)		4:	*Helicteres brasiliensis* (19)	
	Esterhazya splendida (8)			*Passiflora amethystina* (20)	
	Oxalis rusciformis (9)			*Gloxinia schottii* (21)	

Mikan, Joseph Gottfried (1743-1814), Bohemian (Czech) botanist at Praha; founder and director of the botanical garden in Smichow (Praha) 1775-1811; father of J. C. Mikan. (*J. G. Mikan*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 372; Barnhart 2: 488; BM 3: 1310; Dryander 3: 40; Futák-Domin p. 395; Jackson p. 416; Maiwald p. 60, 281; PR 6218; Rehder 1: 66; SO 576.
Barneby, R. C., Garden J. 13(4): 142. 1963.
Kühnel, J., Thad. Haenke 20, 28, 149, 187. 1960.
Poggendorff, J. C., Biogr.-lit. Handw.-Buch 2: 149. 1863.
Pritzel, G. A., Linnaea 19: 458. 1846.
Wettstein, R. v., Die Lehrkanzel für systematische Botanik an der k.k. deutschen Universität in Prag. Prag 3-4, 7, 9. 1899, Österr. bot. Z. 49(2): 42. 1899.
Wittrock, V. B., Acta Horti Berg. 3(2): 84, 186. 1903 (b. 3 Sep 1743, d. 7 Aug 1814).

EPONYMY: *Kanimia* G. Gardner (1847, anagram); *Mikania* Willdenow (1803, *nom. cons.*); *Mikaniopsis* Milne-Redhead (1956). – We could not establish with certainty the derivation of *Mikania* F. W. Schmidt (1795, *nom. rej.*).

6007. *Catalogus plantarum omnium* juxta systematis vegetabilium Caroli a Linné editionem novissimam decimam tertiam in usum horti botanici pragensis. Pragae (in officina Wolfgangi Gerle) 1776. Oct. (*Cat. pl. omn.*).
Publ.: 1776, p. [i]-viii, [1]-403, [index, err. 404-424]. *Copies*: FI, MO, NY, USDA.

Miki, Shigeru (1901-1974), Japanese palaeobotanist and botanist at Kagawa and Osaka; described *Metasequoia*. (*Miki*).

HERBARIUM and TYPES: OSA. – Palaeobotanical collections and preparations at Dept. Biology, Osaka City University.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 303; Barnhart 2: 488; Bossert p. 266; Hirsch p. 199; Hortus 3: 1200 ("Miki"); Kew 3: 680; MW p. 322, suppl. p. 229-230; Roon p. 78; SK 8: lxvi; Zander ed. 10, p. 692, ed 11, p. 789.
Anon., Taxon 23: 890. 1974.
Ewan, J. et al., Short hist. bot. U.S. 123. 1969.

Mikutowicz, Johann Mattias (1872-1951), Baltic German botanist in Livonia. (*Mikut.*).

HERBARIUM and TYPES: RIGA, H. – Exsiccatae: *Bryotheca baltica*, fasc. 1-14, nos. 1-700, Riga, 1908-1914, sets at B, BM, C, E, FH, H, RIG (Number of copies: 30).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 488; Hirsch p. 199; IH 2: 538; SBC p. 127 ("Mik."); Urban-Berl. p. 308.
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Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 110. 1970 (coll. E).
Sayre, G., Mem. New York Bot. Gard. 19(2): 232-233. 1971; Bryologist 80: 514. 1977.
Szymkiewicz, D., Bibl. Fl. Polsk. 54, 106. 1925.

Milani, Giovanni Battista (1858-?), Italian botanist; high school teacher at the lyceum of Salerno, later id. at Avellino. (*Milani*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 346, 402, 691; Bossert p. 267; Rehder 5: 574; Saccardo 1: 110; Tucker 1: 486.

6007a. *Supplemento alla flora delle Alpi versiliesi* ... Salerno (Tipografia nazionale) 1885. (*Suppl. Alpi versil.*).
Publ.: Jun-Jul 1885 (Nat. Nov. Aug (1) 1885; Bot. Zeit. 28 Aug 1885), p. [1]-36. *Copy*: FI. – Inf. C. Steinberg.

6007b. *Elenco di piante del Principato Ultra* ... Avellino (premiato stab. Tipo-litografico V. Maggi) Febbraio 1890. (*Elenc. piante Ultra*).
Publ.: Feb 1890 (t.p.; Bot. Jahrb. 7 Jul 1891), p. [1]-20. *Copy*: FI. – Inf. C. Steinberg.

Mildbraed, Gottfried Wilhelm Johannes (1879-1954), German botanist of the Engler school (Dr. phil. Berlin 1904) at Berlin-Dahlem (1903-1953); explorer of tropical Africa (1907-1908, 1910-1912, 1913-1914, 1928); prisoner of war in France 1914-1919. (*Mildbr.*).

HERBARIUM and TYPES: B; original collections of the German expeditions to tropical Africa, 1907-1908, 1910-1911, 1913-1914, 1928, 25.000 nos., almost entirely destroyed; for nos. below 3500, duplicates may be at HBG, PRE, UPS; between 3500-7200 at BM, HBG, K; above 7200, at A, BM, HBG, K (see Leeuwenberg (1965)). Further sets of duplicates at B, BR and P. – Algae (some) at B.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 657; Barnhart 2: 489; BJI 2: 117-118; BL 1: 28, 56, 58, 309; BM 7: 841-842; Bossert p. 267; Hortus 3: 1200 ("Mildbr."); Hirsch p. 199; IF suppl. 4: 332; IH 1 (ed. 6): 362, 2: 538; Kew 4: 1; Langman p. 507; MW p. 322; TL-2/1711, 1713; Urban-Berl. p. 267, 279, 289, 308, 375; Zander ed. 10, p. 692, ed. 11, p. 789; Zep.-Tim. p. 86.
Anon., Torreya 15(3): 60. 1915; Verh. bot. Ver. Brandenb. 58: 215. 1916 (made prisoner of war in Kamerun, now in camp S. France); Hedwigia 53 (Beibl. 2): (169)-(170). 1913 ("Custos" at P).
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Hepper, F. N. and F. Neate, Pl. coll. W. Afr. 56. 1971 (information on duplicate coll.).
Leeuwenberg, A. J. M., Webbia 19(2): 862. 1965 (coll.).
Letouzey, R., Fl. Cameroun 22-24, 49. 1968 (itin.; dupl. coll.).
Mattick, F., Bot. Jahrb. 74(2): 173-198. 1948 (portr.); Willdenowia 2: 123-139. 1959 (portr., bibl.); Ber. deut. bot. Ges. 74: (103)-(104). 1962 (portr.).
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Moldenke, H. N., Plant Life 2: 72. 1946 (1948) (epon.).
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Sayre, G., Mem. New York Bot. Gard. 19(3): 370. 1975; Bryologist 80; 514. 1977.
Timler, F. K. & B. Zepernick, Berl. Bot. Gart. 65. 1978.
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COMPOSITE WORKS: (1) Engler, *Pflanzenreich, Stylidiaceae*, iv. 278: 1-98, *fig. 1-26*. 26 Mai 1908. (2) EP, *Die natürlichen Pflanzenfamilien*, ed. 2. *Octoknemaceae*, 16b: 42-45, *figs. 24-25*. Jan-Apr 1935. *Pandanaceae*, 19a: 1-3. Jan-Aug 1931.

EPONYMY: *Mildbraedia* Pax (1909); *Mildbraediodendron* Harms (1911): *Mildbraediochloa* Butzin (1971).

6008. *Wissenschaftliche Ergebnisse der Deutschen Zentral-Afrika-Expedition* 1907-1908 unter Führung Adolf Friedrichs, Herzogs zu Mecklenburg. Band ii. *Botanik* herausgegeben von

Dr. J. Mildbraed, Berlin mit 78 Tafeln. Leipzig (Klinkhardt & Diermann) 1914. Oct. (*Wiss. Erg. deut. Zentr.-Afr. Exped., Bot.*).
Authorship: Mildbraed was editor and part author; the names of the numerous co-authors are given in the headings of the family treatments.
Publ.: In parts 1910-1914, p. [1]-718, map, *pl. 1-78* (uncol.). *Copies*: FI, L, NY.

Lieferung	pages	plates	dates
1-2	1-176	*1-16*	Dec 1910
3	177-270	*17-30*	1911
4	271-420	*31-46*	Dec 1911
5	421-507	*47-67*	6 Oct 1912
6	509-601	*68-78*	Aug 1913
7	603-718	*79-90*	Jan 1914

Ref.: Engler, A., Bot. Jahrb. 49 (Lit.): 33. 1913 (date Lief. 5).

6009. *Wissenschaftliche Ergebnisse der zweiten deutschen Zentral-Afrika-Expedition* 1910-1911 unter Führung Adolf Friedrichs, Herzogs zu Mecklenberg Band ii: *Botanik* von Prof. Dr. J. Mildbraed ... Leipzig (Verlag von Klinkhardt & Biermann) 1922. Oct. (*Wiss. Erg. zweit. deut. Zentr.-Afr. Exped., Bot.*).
Publ.: Feb-Jun 1922 (p. iii: Jan 1922; Nat. Nov. Jul 1922), p. [i-iv], [1]-202, *pl. 1-90*. *Copies*: FI, MO. – For a report on the expedition itself see Adolf Friedrich, Herzog zu Mecklenburg, *Vom Kongo zum Niger und Nill*, Leipzig (Brockhaus) 1912. Preliminary report on the botanical results: Verh. bot. Ver. Brandenburg 54: 38-57. 1912.
Ref.: Engler, A., Bot. Jahrb. 58(Lit.): 35-36. 1 Feb 1923, 60(lit.): 29-31. 1925.

6010. *Die Banane* ihre Kultur und Verbreitung. Nach photographischen Aufnahmen von Franz Otto Koch. Text von J. Mildbraed und F. O. Koch. Dahlem bei Berlin (Verlag des Repertoriums) 1926. Oct. (*Banane*).
Co-author: Franz Otto Koch.
Publ.: 15 Jun 1926 (t.p.), p. [i], [1]-16, [1-2], 16 photogr. *Copy*: U. – Repertorium specierum novarum regni vegetabilis (ed. F. Fedde). Beihefte Band 38.

Milde, Carl August Julius (1824-1971), German high school teacher and botanist at Breslau; Dr. phil. Breslau (with Goeppert) 1850; from 1851 at the Realschule zum Grauen Kloster "zum heiligen Geist"; royal professor 1870; curator of the botanical Museum of the Schlesische Gesellschaft für vaterländische Cultur. (*Milde*).

HERBARIUM and TYPES: FR (Pterid.), U (1000 Bryoph.), S (Bryoph.), B (*Equisetum*, 300, extant); further material at BP, BRNU, C, G, H, IBF, JE, K, MANCH, L, LE, MW, PC, PR, S, U, W. Exsiccatae: *Bryotheca silesiaca*, cent. 1-5, nos. 1-500 (after 1869) set e.g. at NY. Milde also offered *Gefässkryptogamen Schlesiens* for sale (1855). – Letters to D. F. L. von Schlechtendal at HAL.

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COMPOSITE WORKS: (1) *Ophioglossaceae und Equisetaceae, in* Fenzl, *Reise Novara*, Heft 4, 1870, see TL-2/1764. (2) *Equisetaceae, in* Martius, *Fl. bras.* 1(2): 629-644, *pl. 71-77*. 1 Jul 1872.

EPONYMY: *Mildea* Grisebach (1866); *Mildea* Miquel (1867); *Mildea* Warnstorf (1904); *Mildeella* Limpricht (1885); *Mildella* Trevisan (1877).

6011. *De sporarum Equisetorum germinatione.* Dissertatio inauguralis botanica quam consensu et auctoritate amplissimi philosophorum ordinis in Academia vratislaviensi ad summos in philosophia honores rite capessendos die vi. m. novembr. a. mdcccl. Publice defendet Julius Milde vratislaviensis ... Vratislaviae [Breslau] (typis Grassii, Barthii et soc.) s. d. [1850]. Oct. (*Spor. Equiset. germin.*).
Publ. 6 Nov 1850 (t.p.; rd. Flora Dec 1850), p. [i-vii], [1]-20, *pl. 1-2* (col. liths.). *Copies*: MO, NY (t.p. lacking); IDC 7228.
Ref.: Anon., Flora 33: 768. 1850, 34: 60-62. 1851.

6012. *Beiträge zur Kenntniss der Equiseten,* ... Breslau und Bonn (für die kaiserl. Leopold.-Carol. Akademie der Naturforscher bei Eduard Weber in Bonn) 1852. Qu. (*Beitr. Kenntn. Equiset.*).
Publ.: 1852 (t.p. reprint; journal volume dated 1851), p. [i], [557]-612, *pl. 54-56* (partly col. liths.). *Copies*: FI, MO (reprint with special t.p.). Reprinted from Nova Acta Leop. 23: -[557]-612, *pl. 54-56*. Reprints without special t.p.: *Copies*: NY, US. – We have no reason to suppose that this part of the Nova Acta appeared before 1852.
Nachträge: 1854 (Flora 21 Dec 1854), Nova Acta Leop. 24: 63-78. 1854.

6013. Zu der am 6. und 7. März 1856 abzuhaltenden öffentlichen Prüfung aller Classen der Real- oder höhern Bürgerschule zum heiligen Geiste ... ladet alle hohen und verehrten Beschützer, Gönner, und Freunde des Schulwesens und insbesondere die Eltern unserer Schüler ehrerbietigst ein F. A. Kämp, Rector, ... Inhalt: 1. *Monographie der deutschen Ophioglossaceen.* Von Dr. J. Milde. 2. Schulnachrichten vom Rector. Breslau (Druck von Grass, Barth und Comp. (W. Friedrich)). 1856. Oct. (*Monogr. deut. Ophiogloss.*).
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6014. *Chamaeceros fertilis* Milde. Novum genus e familia Anthocerotearum ... [1857]. Qu.

Publ.: 1857 (submitted 15 Oct 1856), Nova Acta Leop. 26: [167]-174, *pl. 12* (uncol.). 1857. reprint with original pagination: NY. – See also Bot. Zeit. 14: 767. 31 Oct 1865 (valid pre-publication). – ÖbZ mentions the reprint only on 1 Apr 1858.

6015. *Die Gefäss-Cryptogamen in Schlesien* preussischen und österreichischen Antheils ... [1859]. Qu.
Publ.: 14 Jan 1859 (submitted 2 Jan 1857; see Kieser 1859), p. [i-ii], [371]-767, *pl. 31-55* (uncol.). *Copy*: USDA. – Reprinted without change of pagination and to be cited from Nova Acta Leop. 26(2): 371-767, *pl. 31-55*. 1859 ("1858") (ÖbZ 1 Oct 1859).

6016. *Die Verbreitung der Schlesische Laubmoose* nach den Höhen und ihre Bedeutung für die Beurtheilung der Schlesischen Flora ... Jena (Friedrich Trommann) 1861. Qu. (*Verbr. Schles. Laubm.*).
Publ.: 1861 (submitted 8 Apr 1861), p. [1]-48, map. *Copies*: B, BR, H, US. – Preprinted from Nova Acta Leop. 29, 1862 (journal vol. publ. Mai-Jun 1862).

6017. *Uebersicht über die schlesische Laubmoos-Flora* von Dr. J. Milde. [Beilage z. Bot. Z. 1861]. Oct. (*Uebers. schles. Laubm.- Fl.*).
Publ.: 1861, p. [1]-48. *Copy*: H. – Issued as "Beilage" with vol. 19 of the *Botanische Zeitung*, 1861.

6018. *Index Equisetorum omnium* ... [Wien (... W. Braumüller ...) 1863. Qu.
Publ.: Jun-Dec 1863 (submitted 4 Feb 1863, rev. Bot. Zeit. 26 Feb 1864), Verh. k.k. zool.-bot. Ges. Wien 13(1,2): [233]-244, Jun-Dec 1863. – We have seen no independent reprints; to be cited from journal.
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6019. *Die höheren Sporenpflanzen Deutschland's* und der Schweiz ... Leipzig (Verlag von Arthur Felix) 1865. Oct. (*Höh. Sporenpfl. Deutschl.*).
Publ.: Mar 1865 (p. vi: 20 Sep 1864; Bot. Zeit. and Flora, adv. 15 Mar 1865 "soeben"; ÖbZ rev. 1 Mai 1865), p. [i]-vi, [vii-viii], [1]-152. *Copies*: G, MO, NY, US, USDA.
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6020. *Monographia Equisetorum* ... Dresden (Druck von E. B. Lochmann & Sohn) 1865. Qu. (*Monogr. Equiset.*).
Publ.: Jan-Mai 1867 (t.p. of preprint dated 1865; submitted to Acad. Leop. 20 Aug 1865. It is unlikely, however, that this major publication appeared actually within a few months; see e.g. J. Bot. Jul 1867: "has at last appeared"; Flora received it shortly before 14 Jun 1867; Bot. Zeit. "im Oct 1867"; BSbF reviews it as of 1867 in 15: 57-58. after Aug 1868; probable date: Jan-Jun 1867; 1867 is also t.p. of journal issue), p. [i-xii], [1]-605, [605-607, err.], *pl. 1-35* (with text). *Copies*: MO, NY, US; IDC 7230. – Reprint or preprint from Nova Acta Leop. 32(2), 1867, pagination unchanged.
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6021. *Filices Europae* et Atlantidis, Asiae minoris et Sibiriae ... Leipzig (sumptibus A. Felix) 1867. Oct. (*Fil. Eur.*).
Publ.: 1 Oct-5 Nov 1867 (p. iv: 28 Jul 1867; see Fuchs (1962); "soeben", Bot. Zeit. 15 Nov 1867; rev. Reichardt rd. by Flora by 22 Nov 1867; J. Bot. Nov 1867), p. [i]-iv, [1]-311. *Copies*: FI, G, NY, USDA; IDC 7231.
Ref.: Ascherson, P. F. A., Verh. bot. Ver. Brandenb. 9: xix-xx. 1967.
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Reichardt, H. W., Flora 50: 512. 22 Nov 1867, 51: 6-10. 18 Jan 1868.

6022. *Monographia generis Osmundae* . . . Vindobonae [Wien] (Typis Caroli Ueberreuter (M. Salzer)) 1868. Qu. (*Monogr. Osmund.*).
Publ.: 1868 (p. iv: 2 Feb 1868; Bot. Zeit. & Flora Nov 1868), p. [i]-iv, [1]-139, [140, cont.], *pl. 1-8* (uncol.). *Copies*: FI, MO, U, USDA; IDC 5489.
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6023. *Index Botrychiorum* . . . [Wien 1868]. Qu.
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6024. *Botrychiorum monographia* [Wien 1869]. Qu.
Publ.: Jun 1869 (submitted 13 Jan 1869; Hedwigia ann. Jun.; Flora rev. 17 Jun 1869), p. [55]-190. *Copies*: MO, NY. – Reprinted (preprinted?) with original pagination and to be cited from Verh. zool.-bot. Ges. Wien 19: [55]-190, *pl. 7-9*. 1869. We found no reprint with separate pagination.
Nachträge: Verh. zool.-bot. Ges. Wien 20: [999]-1002. 1870 (t.p. volume; probably published 1871; submitted 7 Dec 1870). Copies reprint with original pagination: MO, NY.

6025. *Bryologia silesiaca.* Laubmoos-Flora von Nord- und Mittel-Deutschland, unter besonderer Berücksichtigung Schlesiens und mit Hinzunahme der Floren von Jütland, Holland, der Rheinpfalz, von Baden, Franken, Böhmen, Mähren und der Umgegend von München . . . Leipzig (Verlag von Arthur Felix) 1869. Oct. (*Bryol. siles.*).
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Miliarakis, Spyridon (x-1919), Greek botanist; curator, from 1893 professor of botany, at the Botanical Museum of the University of Athens; director of the Botanical Garden of the University 1893-1917. (*Miliarakis*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 489; De Toni 1: lxxxv, 4: xxxix; LS 17860-17861.
Anon., Ber. deut. bot. Ges. 37: 471. 1920 (d.); Bot. Centralbl. 55: 64. 1893 (app. Athens); Bot. Jahrb. 17 (Beibl. 41): 52. 1893 (app. prof. bot. Athens); Bot. Not. 1920: 50 (d. 6 Nov 1919); Nuova Notarisia 32: 70. 1921 (d. 6 Nov 1919); Österr. bot. Z. 43: 300. 1893 (app. Athens), 69: 88. 1920 (d. 6 Nov 1919).
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6026. *Beitraege zur Kenntniss der Algenvegetation von Griechenland.* Die Meeres-Algen der Insel Sciathos . . . 1. Lieferung. Athen (Druck von Nicolas Inglessis) 1887. Oct. †. (*Beitr. Algenveg. Griechenl.*).
Publ.: 1887 (Nat. Nov. Sep(1) 1887; Bot. Centralbl. 4-8 Jul and 17-21 Oct 1887; Bot. Zeit. 27 Apr 1888), p. [1]-16, *1 pl.* (uncol.). *Copy*: NY.

Militzer, Max (1894-1971), German botanist, trained to be Volksschullehrer; in French captivity in Marocco after the Marne battle; exchange prisoner of war in Switzerland 1916-1917; teacher at Langebrück 1917-1919, Marienberg 1919-1921, Bautzen (Lutherschule) 1921-1945; from 1951-1959 with the nature conservancy at Dresden. (*Militzer*).

HERBARIUM and TYPES: Material at B, GLM.

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Schütze, T. et al., Abh. Ber. Naturkundemus. Görlitz 43: 31-33. 1968, 47: ix/2-ix/41. 1972 (bibl., portr., b. 23 Jan 1894, d. 2 Feb 1971).
Ulbricht, H., Ber. Arb.-Gemeinsch. sächs. Botaniker ser. 2. 5/6: 285-287. 1965.

HANDWRITING: Abh. Ber. Naturkundemus. Görlitz 47: ix/9. 1974.

Millais, John Guille (1865-1931), English naturalist, gardener, sportsman and popular writer on birds, hunting and cultivated plants; Victoria medal of honor, R. H. S. 1928. (*Millais*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 489; BM 3: 1312, 7: 842; CSP 17: 243; Desmond p. 437; Hirsch p. 199; Hortus 3: 1200 ("Millais"); Kew 4: 2; Langman p. 507; MW p. 323, suppl. p. 230; NI 1369; Tucker 1: 486.
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6027. *Magnolias* ... London (Longmans, Green and Co. Ltd. ...), New York, Toronto, Bombay, Calcutta, and Madras. 1927. Oct. (*Magnolias*).
Collaborators: James Edgar Dandy (1903-1976), Ernest Henry Wilson (1876-1930).
Orig.: Jun 1927 (p. vi: Oct 1926; J. Bot. Dec 1927; MO rd. 18 Jul 1927; Nat. Nov. Jul 1927), frontisp., p. [i-viii], 1-250, [251], *34 pl. Copies*: MO, NY.
Facsimile ed.: 1972 (500 copies), n.v.

6028. *Rhododendrons* in which is set forth an account of all species of the genus Rhododendron (including Azaleas) and the various hybrids ... London (Longmans, Green and Co. ...) New York, Bombay, Calcutta, and Madras 1917. Qu. (*Rhododendrons*).
Orig.: 1917 (J. Bot. Jan 1918; Nat. Nov. Feb 1918), p. [i-xi], [1]-267, [268], *17* and *14* pl. *Copy*: MO.
Second series: Jun-Sep 1924 (pref. Mai 1924; Nat. Nov. Mar 1924, ann., J. Bot. Oct 1924), p. [i]-xii, 1-263, [1, cont.], *17*, *14* and *22 pl. Copies*: NY, USDA (550 copies printed).
Ref.: Anon., J. Bot. 56: 26-28. 1918, 62: 314-316. Oct 1924.

Millardet, Pierre Marie Alexis (1838-1902), French cryptogamist; pupil of Montagne, Hofmeister, Sachs and de Bary; Dr. Sci. nat. Strasbourg 1869; professor of botany at Strasbourg (1869), Nancy (1872), Bordeaux (1876-1902); inventor of the Bordeaux mixture "bouillie bordelaise" and hybridiser of *Vitis*; resuscitated the French wine industry. (*Millard.*).

HERBARIUM and TYPES: BORD; further material at PC and STU.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 320, 345; Barnhart 2: 489; BM 3: 1312-1313, 7: 842; Bossert p. 267; CSP 8: 406, 10: 810-811, 12: 509, 17: 244; De Toni 1: lxxxv, 2: lxxiii; DTS 1: 385; Frank 3 (Anh.): 65; GR p. 288, cat. p. 68; Herder p. 320, 375, 432; IH 2: 539; Jackson p. 52, 79, 161, 172; Kelly p. 149; Kew 4: 3; LS 17862-17884, 36994-36997; Moebius p. 220; Morren ed. 2, p. 19, ed. 10, p. 60; NI 1370; Nordstedt p. 23; PR 6231-6232; Rehder 5: 574; Tucker 1: 486.
Anon., Bot. Jahrb. 32(Beibl. 72): 4. 1903 (d.); Bot. Not. 1903: 34 (d.); Österr. bot. Z. 53: 135. 1903 (d. 22 Dec 1902).
Bornet, J. B. E., Bull. Soc. bot. France 49: 318. 1902; C. R. Acad. Sci. Fr. 135:1298-1299. 1903.
Feret, E., Vente de la bibliothèque du dr Pierre-Marie-Alexis Millardet ... Bordeaux 1906, 29 p. (with. biogr. introd., portr.).
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Mägdefrau, K., Gesch. Bot. 216. 1973.
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Rodgers, A. D., Liberty Hyde Bailey 60, 71, 134-135, 338. 1949.
Sachs, J. von, Hist. botanique 362. 1892.
Whetzel, Hist. phytopathology 64. 1918 (portr.).
Wittrock, V. B., Acta Horti Berg. 3(3): 108, 210. 1905.

COMPOSITE WORKS: *Botanique, Cryptogamie, Algues*, with J. F. C. Montagne, *in* Maillard, *Notes sur l'Ile de la Réunion* (part 2, annexe o, 1862; ed. 2, 1863).

6029. Des genres Atichia, F. W., Myriangium, Mnt. et Berk., Naetrocymbe, Kbr. *Mémoire pour servir à l'histoire des Collémacées* par M. A. Millardet. [Strasbourg, typographie de G. Silbermann, s.d. [1868]]. Qu. (*Mém. Collémac.*).
Publ.: 1868 (fide Rabenhorst, Hedwigia 8: 122-124. Aug 1869), p. [1]-22, *pl. 1-3* (liths., auct.). *Copy*: B-S. – Preprinted from Mém. Soc. Sci. nat. Strasbourg 6(2): [1]-22, *pl. 1-3*. 1870. *Copies* taken from journal publ. B-S, MICH, NY.

6030. *Le prothallium mâle des cryptogames vasculaires.* Thèse de botanique présentée à la Faculté des Sciences de Strasbourg, et soutenue publiquement le [] août 1869 pour obtenir le grade de docteur ès sciences naturelles ... Strasbourg (typographie de G. Silbermann, ...) 1869. Qu. (*Prothall. mâle*).
Publ.: Aug 1869 (t.p., p. 91: imprim. 31 Jul 1869), p. [i-iv], [1]-91. *Copy*: G.

6030a. *Histoire des principales variétés et espèces de vignes d'origine américaine* qui résistent au Phylloxera ... Paris (chez G. Masson ...), Bordeaux (chez Feret et fils ...), Montpellier (chez Coulet ...), Lyon, Bale, Genève (chez Henri Georg, ...) 1878-1885, 4 fasc. Qu. (*Hist. vignes amér.*).
Publ.: in four parts, 1878-1885. *Copies*: BR, MO (fasc. 1-3), UC, USDA.
Fasc. 1: 1878 (p. iii: 20 Nov 1877), p. [i]-iii, [1]-11, [12, expl. pl.] *pl. 1-4* (uncol.).
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Ref.: Millardet, P. M. A., Mém. div. Savants, Acad. Sci., Paris 22(16). 1876 (preliminary publ.).

Miller, Elihu Sanford (1848-1940), American botanist and horticulturist; at Wading River, N.Y. 1848-1888, 1902-1904, at Floral Park 1883-1902. (*E.S. Mill.*).

HERBARIUM and TYPES: BK; other material at BKL, CGE, E, F, MASS, MO, MSC, NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 490; BL 1; 171, 202, 309; CSP 12: 509; IH 2: 539; Lenley p. 291; Morren ed. 10 p. 128; Pennell p. 614; Rehder 5: 574.
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EPONYMY: *Milleria* C. H. Peck (1879).

6031. *Catalogue of the* phaenogamous and acrogenous *plants of Suffolk County*, Long Island ... Wm. A. Overton Jr., & Co., Printers, Port Jefferson, L. I. 1874. (*Cat. pl. Suffolk Co.*).
Co-author: Henry Wilson Young (1847-1927).
Publ.: 1874 (p. [3]: 1 Jan 1874), p. [1]-15. *Copies*: NY, US, USDA. – See also Bull. N.Y. bot. Club 2: 40. 1870, 3: 56. 1872, 4: 41-42. 1873, 6: 155-156. 1875/79, 7: 17-18. 1880.

Miller, John Frederick (1715-*c.* 1790), British botanical artist; son of Johann Sebastian Müller (Miller). (*J. F. Mill.*).

DRAWINGS: at BM. Miller accompanied Banks to Iceland in 1772; he is not known to have made collections himself. A list of his Iceland drawings is given in J. Bot. 45: 314. 1907. Other drawings made for Banks are at BM. Miller also illustrated R. Weston's *Universal botanist* 1770-1777.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 491; BB p. 215; Blunt p. 150, 151; BM 3: 1313-1314; Dawson p. 391, 434, 534, 612, 663, 724; DNB 37: 414; Dryander 1: 198, 5; 63; DU 208; Henrey 2: 730 [index]; Hortus 3: 1200 ("Mill., J. F."); Jackson p. 112; NI 1377; PR 6233 (ed. 1: 6933); Rehder 1: 261, 262; RS p. 119; SO 1224a-1224b; TL-1/846; TL-2/1: 72, 295, 375; Tucker 1: 487; Zander ed. 11, p. 790.
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6032. [*Icones animalium et plantarum*] [1776-1784]. 60 plates (coll. copp.), 1776-1785. The copy consulted by Rickett & Stafleu at the British Museum (Nat. Hist.) had no title page. See Dryander for a description of Bank's copy.

part	plates	dates	part	plates	dates
1	*1-6*	1776(1)	6	*31-36*	1782(2)
2	*7-12*	1776	7	*37-42*	1782
3	*13-18*	1777	8	*43-48*	1783
4	*19-24*	1777 vel 1778	9	*49-54*	1784
5	*25-30*	1779 vel 1780	10	*55-60*	1785(3)

(1) Plate *1* dated 10 Mar 1776; (2) plate *36* dated 16 Mai 1782; (3) known as yet only from the *Cimelia Physica.* (see below). For details see Britten (1913, 1918) and Sherborn and Iredale (1921). The original title may have been "Various subjects of natural history, wherein are delineated birds, animals and many curious plants . . ." fide BM (3: 1313).

6033. *Cimelia physica.* Figures of rare and curious Quadrupeds, birds, &c. together with several of the most elegant plants. Engraved and coloured from the subjects themselves by John Frederick Miller. Withe descriptions by George Shaw, . . . London (printed by T. Bensley, for Benjamin and John White . . . and John Sewell, . . .) 1976. Fol. (*Cimelia phys.*).
Publ.: 1796, p. [i], [1]-106, [leaves 1-10, expl. pl.], *pl. 1-60* (as in *Icones,* see above). *Copy*: Teyler.

Miller, John (1849-1918), American botanist active in Erie County, Pennsylvania, (*J. Mill.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 491; BL 1: 212, 309; ME 2: 549.

NOTE: for John Miller (1715-1780), see Mueller, Johann Sebastian.

6034. *Flora of Erie County* Pennsylvania by John Miller, copyrighted 1923 by Anna E. Miller. (*Fl. Erie*).
Publ.: 1923 (p. [3]: 27 Jun 1923; US copy rd. 1 Mar 1924), portr., p. [1]-47. *Copies*: US, USDA. – Portrait of Miller facing p. [2].

Miller, Philip (1691-1771), British gardener; superintendent of the Society of Apothecaries at Chelsea ("Chelsea Physick Garden") 1722-1770; "hortulanorum princeps." (*Mill.*).

HERBARIUM and TYPES: Miller's herbarium was purchased by Banks in 1774 and is now part of the general herbarium of BM. It contains plants cultivated in the Chelsea garden as well

as collections from Houstoun and other travellers. Many Miller specimens are also in the Sloane collections; others at LINN.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 461; Ainsworth p. 83; Barnhart 2: 492; BB p. 215-216; BM 3: 1314, 7: 844; Blunt p. 133-134; Bossert p. 268; Bret. p. 107; Dawson p. 574; Desmond p. 439 (many biogr. refs.); DNB 37: 420-422; Dryander 3: 10, 21, 80, 97, 173, 584, 612, 613, 626, 641, 646; DSB 9: 390-391; DU 209-210; Frank 3(Anh.): 65-66; GF p. 57; HA 2: 148, 220-221; Henrey 1: 87, 151, 152, 210, 2: 730 [index], 3: 89-93; Herder p. 88, 146, 361; Hortus 3: 1200 ("Mill."); HU 503-563, 566, 601, see also 2(1): ccxli [index]; IH 2: 540; Jackson p. 11, 35, 110, 113, 116, 410, 413; Kew 4: 5-6; KR p. 502; Langman p. 507; Lasègue p. 323, 356, 358; Moebius p. 404, 408, 411; MW p. 323; NI 1378-1379; Plesch p. 337; PR 6236-6241 (ed. 1: 6935-6944); Rehder 5: 574; RS p. 119; SO 463-464, 637h, 637i; Sotheby 2: 187; TL-1/847-849a; Tl-2/1498, 1647, 4233, see Gronovius, J. F.; Tucker 1: 487-488; Zander ed. 10, p. 692-693, ed. 11, p. 790.

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EPONYMY: *Milleria* Linnaeus (1753). *Note*: *Millerburtonia* Ciferri (1953) is dedicated to Julian Howell Miller (1890-?), American mycologist and to Mary Gwendolyn Burton (1917-x), American . . . *Milleria* W. H. Lang (1926) and *Rellimia* S. Leclercq & P. M. Bonamo (1973, anagram) are dedicated to Hugh Miller (1802-1856), Scottish "Stone-mason, man of letters, and self-educated geologist, also paleontologist, including paleobotanist" (Barnhart 2: 491).

6035. *The gardeners and florists dictionary,* or a complete system of horticulture: containing, . . . to which is added, a catalogue of curious trees, plants and fruits, from which any gentleman may collect at pleasure, what may be useful or ornamental to his gardens. In two volumes . . . London (printed for Charles Rivington,. . .) 1724. 2 vols. Oct. (*Gard. fl. dict.*).
1: 1724, p. [i]-xvi, alphabet sign.: B-Z, Aa-K_8.
2: 1724, p. [i-iii], alphabet sign.: B-Z, Aa-Ii_8. *Copies*: BM, NY. – "Largely a compilation. Historically important as perhaps the earliest dictionary of horticulture." (G. D. Rowley, in lit.).

6036. *Catalogus plantarum,* tum exoticarum domesticarum, quae in hortis haud procul a Londino sitis in venditionem propaguntur. A catalogue of trees, shrubs, plants, and flowers, both exotic and domestic, which are propagated for sale, in the gardens near London. Divided, according to their different degrees of hardiness, into particular books, or parts; in each of which the plants are ranged in an alphabetical order . . . by a Society of Gardeners . . . London: printed in the year mdccxxx. [1730]. Fol. (*Cat. pl.*).
Publ.: 1730, p. [i*], [i]-xii, 1-90, *pl. 1-21* (handcol. copp.). *Copies*: BM, G; IDC 6071. – Although anonymously published, the text of this book may be assumed to have been written by Philip Miller, the secretary of the *Society of Gardeners*. – The 21 coloured engraved plates are by Jacob van Huysum (1687-1749), 7 of them are colour-prints. The originals are at BM (Bloomsbury). See Ardagh (1934) for details. Linnaeus refers to this publication occasionally as "Hort. angl."

6037. *Catalogus plantarum officinalium* quae in horto botanico chelseyano aluntur . . . Londini: anno m.dcc.xxx [1730]. Oct. (in fours). (*Cat. pl. off.*).
Publ.: 1730, frontisp., p. [i]-viii, [1]-152.

6038. *The gardeners dictionary*: containing the methods of cultivating and improving the kitchen, fruit and flower garden. As also, the physick garden, wilderness, conservatory, and vineyard, according to the practice of the most experienc'd gardeners of the present age. Interspers'd with the history of the plants, the characters of each genus, and the name of all the particular species, in Latin and English; and an explanation of all the terms used in botany and gardening. Together with accounts of the nature and use of barometers, thermometers, and hygrometers proper for gardeners; and of the origin, causes, and nature

of meteors, and the particular influences of air, earth, fire and water upon vegetation, according to the best natural philosophers. Adorn'd with copper plates. By Philip Miller, gardener to the botanick garden at Chelsea, and F. R. S. Digna manet divini gloria ruris . Virg. Geo. London (printed for the author; and sold by C. Rivington, ...) 1731. Fol. (*Gard. dict.*).
Orig. issue: as above, London 1731, front., p. [i]-xvi, [1-4, subscribers], dictionary [833 pages, not numbered] sign. B_1-$8D_2$, a-zz_2, *pl. 1-4. Copies*: MO, NY, USDA.
Dublin issue(1): 1731, n.v. (extant?).
Dublin issue(2): 1732, n.v., p. [i]-xvi, [1-939], *pl. 1-4*. See Henrey no. 1103.

6039. *The gardeners dictionary*: containing the methods of cultivating and improving the kitchen, fruit and flower garden, as also the physick garden, wilderness, conservatory, and vineyard; according to the practice of the most experienc'd gardeners of the present age. Interspers'd with the history of the plants, the characters of each genus, and all the names of all the particular species, in Latin and English; and an explanation of all the terms used in botany and gardening. Together with accounts ... according to the best natural philosophers ... The *second edition*, corrected. London (printed for the author; and sold by C. Rivington, ...) 1733. Fol. (*Gard. dict. ed. 2*).
Publ.: 1733, p. [ii*], frontisp., [i]-xvi, alphabet: B_1-$10C_2$, *3 pl. Copies*: MO, NY.

6039a. An *Appendix to the gardeners dictionary*. Containing several articles which were omitted in the folio editions of that work ... London (printed for the author; and sold by C. Rivington, ...) 1735. Fol. (*App. gard. dict.*).
Publ.: 1735, p. [i-iv], alphabet sign. A-E_2. *Copy*: NY.

6039b. *The gardeners dictionary*: containing the methods of cultivating and improving the kitchen, fruit and flower garden, as also the physick garden, wilderness, conservatory and vineyard: according to the practice of the most experienced gardeners of the present age. Interspersed with the history of the plants, the characters of each genus, and the names of all the particular species, in Latin and English; and an explanation of all the terms used in botany and gardening. Together with accounts ... according to the best natural philosophers ... The *third edition*, corrected. London (printed for the author; and sold by C. Rivington, ...) 1737. Fol. (*Gard. dict. ed. 3*).
Publ.: 1737, p. [ii], frontisp., [iii]-xii, sign. B_1-$10N_2$, *3 pl. Copies*: MO, NY.

6040. *The second volume of the gardeners dictionary*: which completes the work ... London (printed for the author; and sold by Charles Rivington, ...) 1739. Fol. (*Gard. dict. ed. 3, vol. 2*).
First edition of this second volume: 1739, p. [i-xii], alphabet: sign. B-$5N_2$. *Copy*: NY.
Second edition of this second volume: 1740, p. [i-xii], alphabet: sign. Aa-$5N_2$, addenda [86] p., *pl. 1-3*, plan, index [1-18]. *Copy*: USDA.

6041. *The gardeners dictionary*: in two volumes. Containing the methods of cultivating and improving the kitchen, fruit and flower garden, and also, the physick garden, ... [as ed. 3] ... philosophers. Adorn'd with copper plates ... the *fourth edition*, corrected. London (printed for the author; and sold by J. Rivington, ...) 1743, 2 vols. Fol. (*Gard. dict. ed. 4*).
1: 1743, [a]-$[b]_2$, c_2, B-Zzz_2, 4A-$10I_2$, frontisp., *4 pl.*
2: consists of Gard. dict. ed. 3, vol. 2, see above, either the first (1739) or the second (1740) edition. *Copy*: HU (p. [i-ii], [1-868], frontisp, *4 pl.*).

6042. *The gardener's dictionary*: containing the methods of cultivating and improving the kitchen, fruit, and flower garden, as also, the physick garden, wilderness, conservatory, and vineyard; according to the practice of the most experienced gardeners of the present age. Interspersed with the history of the plants, the characters of each genus, and the names of all the particular species, in Latin and English; and an explanation of all the terms used in botany and gardening. Together with accounts ... according to the best philosophers ... The *fifth edition*, corrected ... Dublin (printed by S. Powell for R. Gunn, ...) 1741. Fol. (*Gard. dict. ed. 5*).
Publ.: 1741, p. [i]-xii, alphabet: sign. B-$9I_2$, *1 pl. Copy*: NY. – See also Henrey no. 1108 (complete coll.). There seems to be no London issue of ed.5.

6043. *The gardeners dictionary*. Containing, the methods of cultivating and improving the kitchen, flower, fruit and pleasure garden; wherein all the articles contained in the former editions of this work, in two volumes, are disposed in one alphabet: with the addition of a great number of plants. The *sixth edition*; carefully revised; and adapted to the present practice. By Philip Miller, R.S.C. Gardener to the Worshipful Company of Apothecaries at their botanic garden in Chelsea; and member of the botanic society at Florence. Digna manet divini gloria ruris. Virg. Georg. London (printed for the author; and sold by John and James Rivington) 1752. Fol. (*Gard. dict. ed. 6*).

Publ.: 1752, frontisp., p. [i-xii], alphabet: sign. B-11P_2, *pl. 1-3* and *5* unnumbered. – Starting-point work for the nomenclature of cultivars, see International Code for the Nomenclature of Cultivated plants 1969, art. 44c. *Copies*: MO, USDA.

6044. *The gardeners dictionary*: containing the best and newest methods of cultivating and improving the kitchen, fruit, flower garden, and nursery; as also for performing the practical parts of agriculture: including the managment of vineyards, with the methods of making and preserving the wine, according to the present practice of the most skilful vignerons in the several wine countries in Europe. Together with directions for propagating and improving from real practice and experience, all sorts of timber trees. The *seventh edition*, revised and altered according to the latest system of botany; and embellished with several copper plates, which were not in the former editions. By Philip Miller, ... London (printed for the author; and sold by John Rivington, ... A. Millar ... R. and J. Dodsley) 1759. Fol. (*Gard. dict. ed. 7*).

Publ.: 1756-1759, published in weekly parts, in one or two volumes. Classification in accordance with the Linnaean system (no binomials). Front., p. [i-xi], [1-3, authors' names], alphabetical treatment [1-1357], addenda [1-8], index [1-29], *pl. 1-20*, uncol. copper engr. by J. S. Mueller. (Sign. A-15R_1). *Copies*: MO, NY, USDA (*4 pl.*, one vol.); IDC 250.

Dublin ed.: 1764. – Dublin (printed for George and Alexander Ewing –) 1764. Qu. 2 vols. *Copy*: BR. – For details see Henrey no. 1112.

6045. *The gardeners dictionary*: containing the best and newest methods of cultivating and improving the kitchen, fruit, flower garden, and nursery; as also for performing the practical parts of agriculture: including the management of vineyards, with the methods of making and preserving wine, according to the present practice of the most skilful vignerons in the several wine countries in Europe. Together with directions for propagating and improving, from real practice and experience, all sorts of timber trees. The *eighth edition*, revised and altered according to the latest system of botany; and embellished with several copper-plates, which were not in some former editions. By Philip Miller, ... London (printed for the author; and sold by John and Francis Rivington, ... A. Millar, ... T. Payne) 1768. Fol. (*Gard. dict. ed. 8*).

Publ.: 16 Apr 1768, as a single volume (TL-1), front., p. [i-xiv], alphabetical treatment [1-1300], index [1-29], *20 pl.* (sign. A-15M_1). *Copies*: BR, G, HU, MO, MICH, NY, US, USDA; IDC 251. – Binomial nomenclature for species used; see ICBN Art. 33.1. Important for the typification of generic names in abr. ed. 4. – See HU 601 for extensive bibl. details.

6046. *The gardener's and botanist's dictionary*; containing the best and newest methods of cultivating and improving the kitchen, fruit, and flower garden, and nursery; of performing the practical parts of agriculture; of managing vineyards; and of propagating all sorts of timber trees. By the late Philip Miller, ... to which are now first added a complete enumeration and description of all plants hitherto known, with their generic and specific characters, places of growth, times of flowering and uses both medicinal and economical. The whole corrected and newly arranged. With the addition of all the modern improvements in landscape gardening, and in the culture of trees, plants, and fruits, particularly in the various kinds of hot houses and forcing frames; with plates explanatory both of them, and the principles of botany. By Thomas Martyn ... In two volumes ... London (printed for F. and C. Rivington, ...) 1797. 2 vols. Fol. (*Gard. dict. ed. 9*).

Editor: Thomas Martyn (1735-1825). *1*: 1797, p. [i*-v*], [i]-clxviii, [i*-x*], [1, err.], alphabet sign. B_1-[17D_1]. Vol. 2 not seen.

Copies: MO, NY.

Other issue: 30 Mai 1795-21 Dec 1807, 2 vols. in 2 parts each. *Copies*: MO, NY, USDA(2). – See also Henrey nos. 1114, 1115 and 1116 for this and further issues. *Vol. 1(1)*: A-CIV, p. [i*, iii* dated Dec 1807], [i]-clxviii, [i*]-viii*, *pl. 1-8*, [1-2], *pl. 1-7*, [1, err.], alphabetical treatment Aa-Civ, sign. B_1-[$8G^*_1$].
Vol. 1(2): C_{1a}-I, p. [i], alphabetical treatment C_{1a}-I, sign. $8C_1$-$17D_1$.
Vol. 2(1): K-P, p. [i], id. Ka-Pz, sign B_1-$10S_2$. a
Vol. 2(2): Q-Z, p. [i], id. Q-Z, sign. $10T_1$-$20S_2$.

6047. *Groot en algemeen kruidkundig, hoveniers, en bloemisten woordenboek,* behelzende de manier om moes-, bloem-, vrugt-, kruid-tuinen, wildbossen, wijngaarden, oranje-huizen, stookkassen, enz. aanteleggen, enz. en allerlei gewassen te kweeken. Alles volgens de ondervinding van de ervarenste hoveniers der tegenwoordige eeuw, doormengd met de historien der planten, de kentekens van elk geslagt en de naamen van alle de bijzondere soorten in het Latijn en Duits; en eene Verklaaring van alle de Kunst-woorden in de kruidkunde en het tuinieren gebruikelijk, waarbij ook komt een berigt . . . volgens de beste natuurkundigen. Met koperen platen versierd door Philip Miller, . . . Voorzien met eene voorrede van den hooggeleerden heere Adrianus van Royen, . . . volgens den laatsten druk, uit het Engels vertaald door Jakob van Eems, . . . te Leiden (by Pieter vander Eyk, en de weduwe Jakob vander Kluis, P. Z.) 1745, 2 vols. Fol. (*Groot kruidk. woordenb.*).
Preface: Adriaan van Royen (1704-1779). *Translator*: Jakob van Eems.
Publ.: *1*: 1745, p. [i-xviii], 1-593, *2*: 1745, p. [i], 595-1203, *pl. 1-4*, [1205-1238, 1, err., 2 colo.]. *Copy*: NY.

6048. *Das englische Gartenbuch,* oder Philipp Millers . . . Gärtner-Lexicon, in sich haltend die Art und Weise, wie sowohl der Küchen-Frucht-Blumen- und Kräutergarten, als auch Lustwälder, Glashäuser und Winterungen, nebst dem Weingarten, nach den Regeln der erfahrensten Gärtner jetziger Zeit, zu bauen und zu verbessern seyn: dazu kommt noch die Historie der Pflanzen, der Character und englische Name jedes Geschlechtes, die deutschen und lateinischen Namen aller besondern Sorten, wie auch eine Erklärung der in der Botanik und Gartenkunst gebräuchlichen Kunstwörter,. . . Nach der fünften, vermehrten und verbesserten Ausgabe, aus dem Englischen, auf das sorgfältigste in das Deutsche übersetzet, von D. Georg Leonhart Huth, . . . Nürnberg (auf Kosten Johann Georg Lochners) 1750-1758. 3 vols. Fol. (*Engl. Gartenb.*).
Translator: Georg Leonhart Huth; based on orig. ed. 5.
1: 1750, p. [i-ii], frontisp., [iii-xviii], 1-548, *3 pl.*
2: 1751, p. [i-iii], 1-620, *pl. 1-3*, and *2* unnumbered pl., [i-xxii, index].
3: 1758, p. [i-iv], 1-336, [i-iv, index], 1-63.

6049. Philipp Millers . . . *Allgemeines Gärtner-Lexicon* das ist ausführliche Beschreibung der Geschlechter und Gattungen aller und jeder Pflanzen nach dem neuesten Lehrgebäude des Ritter Linne eingerichtet worinnen zugleich eine Erklärung aller botanischen Kunstwörter und eine auf vieljährige Erfahrung gegründete practische Anweisung zum Garten Acker Wein und Holzbau enthalten ist. Mit verschiedenen Kupfern nach der allerneuesten, sehr vermehrten und veränderten achten Ausgabe aus dem englischen übersetzt. . . . Nürnberg (verlegts Johann Adam Lochner) 1769. 4 parts. Qu. (*Allg. Gärtn. Lexic.*).
Theil 1: 1769 (pref. 26 Mar 1769), p. [i-viii], [1]-966.
Theil 2: 1772, p. [i-iv, dated 20 Dec 1771], [1]-890, *pl. 1-4*, uncol. copper engr.
Theil 3: 1776, p. [i], [1]-919, *pl. 1-8*, id.
Theil 4: 1776, p. [i-iv, dated 30 Sep 1776], [1]-966, [1-5, glossary], (1-61, index], *pl. 1-4*, and *2* unnumbered plates.
Copies: FI-BN, H, MO, USDA. – A translation of the *eighth* edition (see no. 6045).

6050. *Le grand dictionnaire des jardiniers* et des cultivateurs, ou encyclopédie rurale, avec beaucoup de planches gravées; traduit de l'anglais de Philippe Miller . . . Paris (Librairie encyclopédique, . . .) 8 vols., s.d. Oct. (*Grand dict. jard.*).
Publ.: Undated; publ. shortly after 1775; based on ed. 8 (1768). *Copy*: NY.
1: frontisp., p. [i]-xlix, [x-li], *pl. 1-8*, [1]-543.
2: [i, iii], [(1)]-(3), [1]-697.
3: [i, iii], [1]-597, *pl. 1-2*.
4: [i, iii], [1]-574.

5: [i, iii], [1]-592, *1 pl.*
6: [i, iii], [1]-533, *pl. 1-6.*
7: [i, iii], [1]-544.
8: [i, iii], [1]-244, cat. 1-86, calendr. [1]-184.

6051. *Dictionnaire des jardiniers,* contenant les méthodes les plus sûres et les plus modernes pour cultiver et améliorer les jardins potagers, à fruits, à fleurs et les pépinières, ainsi que pour réformer les anciennes pratiques d'agriculture; avec des moyens nouveaux de faire et conserver le vin, suivant les procédés actuellement en usage parmi les vignerons les plus instruits de plusieurs pays de l'Europe; et dans lequel on donne des préceptes pour multiplier et faire prospérer tous les objets soumis à l'agriculture, et la manière d'employer toutes sortes de bois de charpente. Ouvrage traduit de l'anglois, sur la huitième édition de Philippe Miller. Par une Société de gens de lettres. Dédié à Monsieur ... A Paris (Chez Guillot, Libraire de Monsieur, ...) 1785, 8 vols. Qu. (*Dict. jard.*).
Translator: Laurent Marie de Chazelles.
Publ.: 1785 (p. 58: 24 Sep 1784). *Copies*: MO. NY.
1: [i*-v*], [i]-xlviii, [1]-586, [587-588], *pl. 1-8.*
2: [i-iii], [1]-760.
3: [i-iii], [1]-638, *pl. 1-2.*
4: [i*-iii*], [i]-ii, [1]-644.
5: [i-iii], [1]-642, *1 pl.*
6: [i-iii], [1]-592, *7 pl.*
7: [i-iii], [1]-608.
8: frontisp. portr. Miller, id. Dict., p. [i-iii], [1]-279, cat. 1-43, cat. fr. [1]-52, ind. lat. [1]-43, Engl. names [1]-55, calendrier [1]-221, [222, err.].

6052. *Dictionnaire des jardiniers* et des cultivateurs, par Philippe Miller: traduit de l'Anglois sur la VIIIe. édition; avec un grand nombre d'additions de differens genres, par MM le président de Chazelles, le conseiller Holandre, &c. *Nouvelle édition,* dans laquelle on a rectifié un très-grand nombre d'endroits de l'édition de Paris, afin de rendre la traduction françoise conforme à l'original Anglois; & de plus, on y a ajouté les noms Anglois des plantes, & plusieurs nouvelles notes ... à Bruxelles (Chez Benoit le Francq, ...) 1786-1789, 8 vols. Oct. (*Dict. Jard., nouv. éd.*).
Original translation: Laurent Marie de Chazelles.
Publ.: 1786-1789. *Copy*: BR. – A copy was offered by Junk in 1975 (Cat. 193, no. 245, Hfl. 425.-).
1: 1786, frontisp., p. [i]-xlix, [1]-543, *pl. 1-8.*
2: 1786, p. [i-v], [1]-697.
3: 1787, p. [i-iii], [1]-597.
4: 1788, p. [i-iii], [1]-574.
5: 1788, p. [i, iii], [1]-592.
6: 1788, p. [1]-533.
7: 1788, p. [i, iii], [1]-544, *2 pl.*
8: 1789, p. [i, iii], [1]-244, cat. [1]-86, calendrier [1]-184.

6053. *The gardeners dictionary*: containing the methods of cultivating and improving the kitchen, fruit and flower garden, as also the physick garden, wilderness, conservatory, and vineyard. *Abridg'd* from the folio edition, by the author, Philip Miller, ... in two volumes. London (printed for the author, and sold by C. Rivington, ...) 1735, 2 vols. Oct (*Gard. dict. abr.*).
Vol. 1: 1735, front., p. [i]-viii, alphabetical treatment A-J; sign. B-Hh$_8$, *1 pl.*
Vol. 2: 1735, p. [i], id. K-Z: [1-20, index], sign. B-Mm$_8$, *1 pl. Copy*: USDA.

6054. *The gardeners dictionary*: containing the methods of cultivating and improving the kitchen, fruit and flower-garden, as also the physic-garden, wilderness, conservatory, and vineyard. In which likewise are included the practical parts of husbandry; and the method of making and preserving wines, according to the practice of foreign vignerons. *Abridg'd* from the two volumes lately published in folio, by the author, Philip Miller, ... in three volumes ... The *second edition,* corrected. London (printed for the author, and sold by C. Rivington) 1740-1741, 3 vols. Oct. (*Gard. dict. abr. ed. 2*).

1: 1741, front., [i]-viii, alphabetical treatment A-I: (sign. B_1-Hh_7), *1 pl.*
2: 1741, p. [i], id. Ka-Zi, plus Faba: (sign. B_1-Mm_8), [1-20, index], *1 pl.*
3: 1740 (sic), not designated second edition, p. [i-iv], Aa-Za: [1-5, index] (sign. B-Pp_8).
Copies: MO, USDA.

6055. *The gardeners dictionary.* Containing the methods of cultivating and improving the kitchen, fruit, and flower-garden, and also the physic-garden, wilderness, conservatory, and vineyard. In which likewise are included the practical parts of husbandry; and the method of making and preserving wines, according to the practice of foreign vignerons. *Abridged* from the two volumes in folio, by the author, Philip Miller . . . In three volumes . . . The *third edition*, corrected; and the whole digested into one alphabet. London (printed for the author; and sold by John and James Rivington) 1748. Oct. (*Gard. dict. abr. ed. 3*).
1: 1748, front., p. [i]-viii, alphabetical treatment Aa-Fu: (sign. B_1-Hh_8).
2: 1748, p. [i], id. Ga-Ph: (sign. [*], Ii_1-Rrr_8), *1 pl.*
3: 1748, p. [i], id. Ph-Zi: [1-22, index], (sign. Sss_1 -$5G_6$), *1 pl.*
Copies: MO, USDA.

6056. *The gardeners dictionary.* Containing the methods of cultivating and improving all sorts of trees, plants, and flowers, for the kitchen, fruit, and pleasure gardens; as also those which are used in medicine. With directions for the culture of vineyards, and making wine in England. In which likewise are included the practical parts of husbandry. *Abridged* from the last folio edition, by the author, Philip Miller, . . . in three volumes . . . The *fourth edition,* corrected and enlarged. London (printed for the author; and sold by John and James Rivington, . . .) 1754. Oct. (*Gard. Dict. abr. ed. 4*).
Publ.: 28 Jan 1754. *Copies*: G, MO, NY, PH, USDA(2); IDC 465.
1: front., p. [i-viii], alphabetical treatment A-F: [in facs. ed.: 11-524] (sign. B_1-Ll_1).
2: p. [i], id. Ga-Ox; [527-996], (sign. Ll_2-Rrr_3), *1 pl.*
3: [i], Pa-Z, [1-33, index]; [999-1582], (sign. Rrr_4-[$5G_5$], *2 pl.* Important because of the overflow of pre-Linnaean generic names. Many Tournefortian names are validly published here because taken up for the first time after 1753. See Dandy (1967) for details.
Facsimile ed.: 1969, Lehre (J. Cramer), ISBN 3-7682-0613-0, Historiae naturalis classica 72, p. [i]-xvi, introd. by W. T. Stearn, facsimile [1]-1582. *Copies*: FAS, L, NY. – The facsimile edition has continuous pagination; these page numbers should be cited in brackets [].
Ref.: Stearn, W. T., The abridgement of Miller's Gardeners Dictionary, Lehre 1969, p. v-xi, reprinted from facsimile ed.; see also J. Soc. Bibl. nat. Hist. 7: 125-141. 1974.
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6057. *Abridgement of the gardeners dictionary*: containing the best and newest methods of cultivating and improving the kitchen, fruit, flower garden, and nursery; as also for performing the practical parts of husbandry: together with the management of vineyards, and the methods of making wine in England. In which likewise are included directions for propagating and improving, from real practice and experience, pasture lands and all sorts of timber trees. By Philip Miller, .. The *fifth edition,* corrected and enlarged. London (printed for the author; and sold by John Rivington, . . . A. Millar, . . . J. Hinxman) 1763. Qu. (*Gard. dict. abr. ed. 5*).
Publ.: 1763 (briefly mentioned in Miller's letter to Linnaeus of 14 Mar 1764), front., p. [i-viii], alphabetical treatment A-Z: [1-17, index], (sign. A-$5Z_4$), *12 pl.* (uncol.). *Copies*: NY, USDA.

6058. *The abridgement of the gardeners dictionary*: containing the best and newest methods of cultivating and improving the kitchen, fruit, flower garden, and nursery; as also for performing the practical parts of husbandry: together with the management of vineyards, and the methods of making wine in England. In which likewise are included, directions for propagating and improving, from a real practice and experience, pasture lands and all sorts of timber trees. By Philip Miller, . . . The *sixth edition,* corrected and much enlarged. London (printed for the author; and sold by John and Francis Rivington, . . . and T. Davies.) 1771. Oct. (*Gard. Dict. abr. ed. 6*).
Publ.: 1771, frontisp., p. [i-viii], sign. A-$5Z_2$, *12 pl. Copies*: Ewan, G, MO, NY.

6059. *Figures of* the most beautiful, useful, and uncommon *plants* described *in the Gardeners dictionary,* exhibited on three hundred copper plates, accurately engraven after drawings taken from nature. With the characters of their flowers and seed-vessels, drawn when they were in their greatest perfection. To which are added, their descriptions, and an account of the classes to which they belong, according to Ray's, Tournefort's and Linnaeus's method of classing them. By Philip Miller, . . . In two volumes. London (printed for the author; and sold by John Rivington, . . . A. Millar, . . . J. Dodsley) [1755-] 1760 Fol. (*Fig. pl. Gard. Dict.*).
Publ.: The 300 plates are all dated: *1,* 25 Mar 1755: *300,* 30 Jun 1760. An advertisement printed in Gard. Dict. ed. 7, dated 31 Mar 1759, states that the book was published in monthly numbers containing six plates each, beginning 25 Mar 1755. The dates on the plates are not necessarily those of publication, but it may be assumed that the difference was not considerable. The British copyright acts required this dating of the plates and they were really intended to be the dates of actual issue to the public (see Stearn). Publication took place in 50 parts. The plates are engravings of drawings by G. D. Ehret, J. Bartram, R. Lancake, W. Houstoun, and J. S. Mueller. The book was issued with coloured as well as with plain plates. Some of the plates are partly colour-printed and finished by hand. *Copies*: G, HU, MO, NY, Teyler, US, USDA (col. pl.); IDC 243.
1: 1760 (t.p.), p. [i]-vi, 1-100, *pl. 1-150,* various plates misnumbered.
2: 1760 (t.p.), p. [i], 101-201, [1-4, ind.], *pl. 151-300.* For a detailed bibliographical analysis see HU 566. The copies show variation in the numbers of plates present and in the misnumberings. The copy at G lacks only *pl. 177* (which is present in other copies).
Ed. 2: 1771, practically identical with 1760 ed., London (printed for the Author; and sold by John and Francis Rivington . . .) 1771. *Copy*: MICH. – See Henrey no. 1098.
Ed. 3: 1809 (copy at CAS), with new text by an anonymous editor (?Thomas Martyn) with Linnaean binomials. (Inf. P. A. Fryxell), see also Wheldon & Wesley, Cat. 131, 1974, no. 86. See also Henrey no. 1099, and McClintock, E. M. & P. A. Fryxell, Huntia 3(2): 127-148. 1979 (1980).

6060. Philipp Millers . . . *Abbildungen der* nützlichsten, schönsten und seltensten *Pflanzen* welche in seinem Gärtner-Lexicon vorkommen, auf das genaueste, nach den von der Natur genommenen Zeichnungen, in Kupfer gestochen und illuminiert, auch mit einer ausführlichen Beschreibung und Anzeige der Classen, worunter sie nach Raii, Tourneforts und Linnäi Classification gehören, erläutert. Aus dem Englischen übersezt [sic]. Nürnberg (bey Adam Wolfgang Winterschmidt, . . .) 1768-1782, 2 vols. Fol. (*Abbild. Pfl.*).
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2: 1773?-1782 (t.p. 1782), p. [i], [1]-155, [156-158], *pl. 151-300* (id.).
Copies: NY, MO (first part only, p. [1]-24, *pl. 1-19*).

6061. *Supplément au dictionnaire des jardiniers,* qui comprend tous les genres et les espèces de plantes non détaillées dans le dictionnaire de Miller, avec leurs descriptions puisées dans les meilleurs auteurs, ou prises sur les plantes mêmes, et l'indication de la manière de traiter au grand nombre de ces plantes. Par M. de Chazelles, . . . à Metz (de l'imprimerie de Claude Lamort) 1789, 2 vols. Qu. (*Suppl. dict. jard.*).
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2: 1789, p. [i-iii], [1]-758, [759, err.], *pl. 1-5* (id.). *Copies*: MO, NY.

Miller, Robert Barclay (1875-?), American botanist and forester, MA Wabash 1906, MS Yale 1908, chief forester, Department of Conservation, Illinois. (*R. B. Mill.*).

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Miller, Samuel A. (1837-1897), American politician and lawyer at Cincinnati; amateur geolist and palaeontologist. (*S. Mill.*).

HERBARIUM and TYPES: Unknown.

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6062b. *North American geology and palaeontology* for the use of amateurs, students, and scientists ... Cincinnati, Ohio 1889. Oct. (*N. Amer. geol. palaeont.*).
Main volume: Nov-Dec 1889, (p. 4: Nov 1889), p. [1]-664. *Copies*: U, US.
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Miller, William (c. 1831-1898), British botanist and school-master. (*W. Mill.*).

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6063. *A dictionary of English names of plants* applied in England and among English-speaking people to cultivated and wild plants, trees, and shrubs ... London (John Murray, ...) 1884. Oct. (*Dict. Engl. pl. names*).
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Mills, Frederick William (1868-1949), British solicitor (until 1922) and diatomologist. (*Mills*).

HERBARIUM and TYPES: BM (30.000 slides; "... he claimed that he never mounted a specimen himself" (N. I. H.)).

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part	pages	dates
1	[i], [1]-74	Mai 1933
2	75-148	Jul 1933
3	74a, 149-222	Aug 1933
4	223-296	Sep 1933
5	297-372	Oct 1933
6	373-448	Nov 1933
7	449-525	Dec 1933
8	527-606	Jan 1934
9	607-684	Feb 1934
10	685-762	Mar 1934
11	763-840	Apr 1934
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14	1001-1080	Jul 1934
15	1081-1161	Aug 1934
16	1162-1240	Sep 1934
17	1241-1320	Oct 1934
18	1321-1400	Nov 1934
19	1401-1480	Dec 1934
20	1481-1570	Jan 1935
21	1571-1726	Feb 1935

Copies: B, US – Mimeographed.

Millspaugh, Charles Frederick (1854-1923), American physician and botanist; M. D. New York Med. coll. 1881; practicing physician at Binghamton, N.Y. 1881-1890, and Waverly, N.Y. 1890-1891; professor of botany Univ. W. Virginia 1891-1894; from 1894 at Chicago (Field Museum, Chicago University Medical College). (*Millsp.*).

HERBARIUM and TYPES: F; important collection also at WVA; for further duplicates see IH.

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Copy: MO.

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Author part 2: Charles David White (1862-1935).
Publ.: Oct 1913 (inscription author on US copy; p. vii: 1 Jun 1913), front., p. [i]-xiii, [1]-491. *Copies*: NY, Stevenson, US, USDA. – Part 1: [1]-389, part 2: 390-453. – West Virginia Geological Survey, report 5A, 1913. – Replaces Millspaugh and Nuttall, *Fl. W. Virginia* (1896).

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Co-author: Lawrence William Nuttall (1857-1933).
Publ.: Jan 1923 (t.p.), p. [1]-413, *pl. 1-14*, 1 map. Copies: Stevenson, US(2), USDA. – Field Mus. Bot. 5.
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Milne, Colin (1743?-1815), British clergyman and botanist; rector of North Chapel, Petworth, Sussex; LL. D. h. c. Aberdeen (*Milne*).

HERBARIUM and TYPES: : Unknown.

BIBLIOGRAPHY and BIOGRAPHY: : Barnhart 2: 493; BB p. 216; BM 3: 1316, 7: 846; Bossert p. 268; Dawson p. 613; Desmond p. 441; DNB 38: 6; Dryander 3: 11, 32, 47, 134, 178; Henrey 2: 70, 71, 72, 3: 48-49, 94; Jackson p. 8, 33, 256, 581; Kew 4: 8; PR 6242-6245 (ed. 6946-6949); Rehder 5: 575; SO 32, 33, 316, 654, 655, 660; TL-2/ 910, 1615; Tucker 1: 488.
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Ed. 1: 1770, p. [i-iv], 2 charts, dictionary: sign. A-Z, Aa-Ff_2. *Copies*: MO, NY. – See also Henrey no. 1148.
Ed. 2: 1778, p. [i-iii], alphabet: sign. B-E_4, expl. pl. [1-9], 2 charts, *pl. 1-9*. *Copies*: NY, UC –

See also Henrey no. 1149. A reissue of ed. 1 with a new t.p. and a supplement. London (T. Lowndes, ...) 1778. Oct.

Supplement: A supplement to the botanical dictionary: containing ample descriptions of several curious plants, chiefly asiatic: with their uses in medicine, in domestic oeconomy, and in the arts. ... London (printed for T. Lowndes, ...) 1778. Oct.

Ed. 3: 1805, p. [1-715], 2 charts, *pl. 1-25* (col.). *Copies*: FI (inf. C. Steinberg), UC (inf. R. Schmid). – "... the third edition, revised, corrected, and very considerably enlarged ..." London (printed for H. D. Symonds, ...). Oct.

6076. *Institutes of botany*; containing accurate, compleat and easy descriptions of all the known genera of plants: translated from the Latin of the celebrated Charles von Linné, ... to which are prefixed I. a view of the ancient and present state of botany. II. A synopsis, exhibiting the essential or striking characters which serve to discriminate genera of the same class and order; as likewise the secondary characters of each genus, or those derived from the port, habit or general appearance of the plants which compose it ... London (sold by W. Griffin, ...) 1771, Qu. † (*Inst. Bot.*).

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Copy: NY. – See Henrey no. 1151 for further details.

6077. *A descriptive catalogue of rare and curious plants*, the seeds of which were lately received from the East-Indies. To which is subjoined, a scientific index, exhibiting their arrangement according to the celebrated sexual system of Linnaeus. London m.dcc.lxxiii [1773]. Qu. (*Descr. cat. rar. pl.*).

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Copy: NY.

6078. *Indigenous botany*; or habitations of English plants: containing the result of several botanical excursions chiefly in Kent, Middlesex and the adjacent countries in 1790, 1791 and 1792, ... London (W. Lowndes) [1792-]1793. Oct. (in fours). †. (*Indig. bot.*).

Co-author: Alexander Gordon (1813-c. 1773).

Publ.: 1792-1793 (p. viii: 1 Mai 1793; in parts; first part publ. 1 Mai 1792, fide Henrey and see also Banks letters, letter 22 Mai 1792), p. [i]-viii, [1]-476, [1-10, index].

Copy: NY. – For further details see Henrey no. 1152.

Milne-Edwards, Alphonse (1835-1900), French-born (English parents) palaeontologist, especially palaeo-ornithologist; Dr. med. Paris 1860; Dr. sci. id. 1861; aide-naturaliste Muséum 1862-1865; professor at the Paris School of Pharmacy 1865-1895; from 1876 in various functions again at the Muséum d'Histoire naturelle, Paris, director 1891-1900. (*Milne-Edw.*).

HERBARIUM and TYPES: : None known.

BIBLIOGRAPHY and BIOGRAPHY: : Barnhart 2: 494; BM 2: 507-509; CSP 2: 447, 7: 596-599, 10: 816-818, 12: 510, 17: 260-262; Jackson p. 58, 144, 184; Kew 4: 8; Langman p. 508; PH 1, 567; PR 6246; Quenstedt p. 296; Tucker 1: 488.

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6080. *L'Expédition du Talisman* faite dans l'Océan atlantique ... Paris (Gauthier-Villars, ...) 1884. Oct.
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Ref.: Vesque, Bot. Centralbl. 18: 108. 1884 (rev.).

Milne-Redhead, Edgar Wolston Bertram Handsley (1906-x), British botanist; B. A. Cantab. 1928; at Kew (1929-1971). (*Milne-Redh.*).

HERBARIUM and TYPES: K; further material at DBN.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 494; Bossert p. 268; Clokie p. 212; Desmond p. 441; Hortus 3: 1200 ("Milne-Redh."); IH 2: 542; Kew 4: 8-9; LS 17903; MW p. 323, suppl. p. 230; Roon p. 78; Zander ed. 10, p. 693, ed. 11, p. 790 (b. 24 Mai 1906).
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Miltitz, Friedrich Joseph Franz Xaver von (x-1840), German botanical bibliographer at Dresden. (*Miltitz*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1317; Barnhart 2: 494; Herder p. 75; Jackson p. 2; Kew 4: 10; LS 17903a; PR 6247 (ed. 1: 6950); Rehder 1: 2; SO 3647.
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HERBARIUM and TYPES: PAL. – Other material from Sicily at FI.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(2): 161; Barnhart 2: 494; Saccardo 2: 73-74 (d. 12 Mar 1899); Tucker p. 488.

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Minden, Max D. von (1871-?), German mycologist; assistant at the botanical institute Giessen 1898. (*Minden*).

HERBARIUM and TYPES: Unknown.

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(4) *Beiträge* . . . *Phycomyceten, in* Falck, *Mykol. Unters.* 146-254. 1916.

EPONYMY: *Mindeniella* B. B. Kanouse (1927).

Miner, Harriet Stewart (*fl.* 1885), American botanist. (*Miner*).

HERBARIUM and TYPES: Unknown.

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Reissue: 1893 (Nat. Nov. Mar(2) 1893; Bot. Zeit. 1 Jun 1893), n.v.

Minio, Michelangelo (1872-1960), Italian cryptogamist and historian of botany (*Minio*).

HERBARIUM and TYPES: FI.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 495; BL 2: 692 [index]; Bossert p. 268; Saccardo chron. p. xxvii.
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Publ.: 1938, p. [1]-45, [1], *pl. 61-69*. *Copy*: U. – Reprinted from G. Brunelli et al., *La Laguna di Venezia* 3 (part. 5, tomo 9, fasc. 1): 507-551, *pl. 61-69*. 1938 (copy of complete work at FI).

Minks, Arthur (1846-1908), German physician and lichenologist at Stettin. (*Minks*).

HERBARIUM and TYPES: B (destroyed); further material at C, GFW, IBF, LD, MW, UPS.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 495; BM 3: 1318-1319, 7: 848; CSP 8: 409, 10: 820, 12: 511, 17: 269; DTS 1: 196, 3: xlviii; GR p. 33, *pl.* [*15*], cat. p. 68; Hawksworth p. 184; IH 2: 543; Herder p. 114; Jackson p. 161; Kelly p. 149-150; Kew 4: 11; LS 17915-17933; Morren ed. 10, p. 17; MW p. 324; SBC p. 127 ("Minks").
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6083. *Das Microgonidium.* Ein Beitrag zur Kenntniss des wahren Wesens der Flechten . . . mit 6 colorirten Tafeln. Basel, Genf, Lyon (H. Georg's Verlag) 1879. Oct. (*Microgonidium*).
Publ.: Oct-Nov 1879 (p. v: 28 Oct 1878; Bot. Zeit. 5 Dec 1879 and 2 Jan 1880; Nat. Nov. Nov(1) and Dec(1) 1879; Flora 1 Jan 1880; J. Bot. Feb 1880), p. [i*], [i]-v, [1, cont.], [1]-249, *pl. 1-6* (col. liths.). *Copies*: MO, NY, Stevenson. – An attempt to repudiate the Schwenderian doctrine of the nature of the lichen gonidia. Minks holds that "microgonidia, which are ultimately transformed into gonidea, exist spontaneously in the hyphae, rhizines, cortical cells, paraphyses, thecae and in the spores and spermatia(!) of lichens" (Murray).
Ref.: Murray, G., J. Bot. 18: 123-124. 1880 (rev.).

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Theil 1: Aug-Oct 1881 (p. ix: 10 Mar 1881; Bot. Centralbl. 24-28 Oct 1881; Bot. Zeit. 30 Dec 1881; Nat. Nov. Oct(3) 1881; Flora 11 Nov 1881; Hedwigia Dec 1881; TBC Jan 1882), p. [i]-lxx, [i]-vii, [1]-176.
Theil 2: Sep-Oct 1882 (Bot. Centralbl. 16-20 Oct 1882; Bot. Zeit. 29 Dec 1882; Nat. Nov. Nov(1) 1882; TBC Nov 1882; J. Bot. Dec 1882), p. [i]-x, [1]-273.
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Minks, A., Bot. Centralbl. 9: 411-416. 1882. 12: 325-330. 1882 (abstracts).
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Ref.: V. H. B., J. Bot. 34: 436-437. Oct 1896.

Minuart, Juan (1693-1768), Spanish botanist and pharmacist; born in Barcelona; later in Madrid. (*Minuart*).

HERBARIUM and TYPES: Some material from Spain in LINN.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(1): 698; Backer p. 374; Barnhart 2: 495; Colmeiro 1: clxxxviii; IH 2: 543; PR 6252-6253 (ed. 1: 6957-6958).
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EPONYMY: *Minuartia* Linnaeus (1753).

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Publ.: 1739 (fide PR), p. [1-2]. *Copy*: P. (Bibl. centr.).

6085b. Illustrissimae regiae physico-medicae Matritensi Academiae ... *Cotyledon hispanica* seditereti folii, ... [Madrid 1739]. (*Cotyl. hispan.*).
Publ.: 1739 (fide PR), p. [1-2]. *Copy*: P (Bibl. centr.).

Miquel, Friedrich Anton Wilhelm (1811-1871), Dutch botanist; Dr. med. Groningen 1833; practicing physician and director of the Rotterdam botanical garden 1835-1846; professor of botany and director of the botanical garden Amsterdam 1846-1859; idem at Utrecht 1859-1871, from 1862 also director of the Leiden Rijksherbarium. (*Miq.*).

HERBARIUM and TYPES: U. – Miquel's private herbarium, containing many of his types, is the basis of the general herbarium of U. Other Miquel types are, however, in several herbaria because Miquel described many new taxa on the basis of material obtained on loan. Most of these types are at L; others at G, P and K. The plants in many herbaria labelled "ex herb. Miquel," etc., were not collected by Miquel himself but by various other collectors. These plants are usually either from Japan or from the Malesian area. – Miquel's correspondence (letters received) is at Utrecht; a rich collection of letters written by Miquel to Schlechtendal is at HAL. (see Stafleu 1970). Further Miquel documents are at the University Library, Leiden.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 154; Andrews p. 303-304; Backer p. 374; Barnhart 2: 495; BL 1: 106, 129, 309, 2: 426, 692; BM 3: 1319-1320, 7: 848; Bossert p. 268; CSP 4: 401-404, 8: 410, 10: 878, 12: 524; DSB 9: 417; Frank 3(Anh.): 66; GR p. 33, cat. p. 68; Herder p. 466; Hortus 3: 1200 ("Miq."); IF p. 720; IH 1 (ed. 6): 362, 2: 543; Jackson p. 581 [index]; JW 1: 446, 451, 2: 197, 3: 363, 5: 247; Kew 4: 11-12; Langman p. 509; Lasègue p. 293; LS 17937-17942; Moebius p. 3, 141, 152, 257; MW p. 324-325, suppl. p. 230; NI 1383-1391, 1384n, ma; NNBW 4: 986-987; Oudemans p. 250; Plesch p. 338; PR 6254-6285, 10605, 10842 (ed. 1: 6960-6973); Quenstedt p. 297; Rehder 5: 576-577; RS p. 119-120; SK 1: xxx, cxxii, xclvii, 4(2): cxii. 1949 (portr.); Sotheby 541; Stevenson p. 1251; TL-1/p. 522; TL-2/567, 1777, 2124, 2127, 2184, see index vol. 2; Tucker 1: 488-490; Urban-Berl. p. 375; Zander ed. 10, p. 693, ed. 11, p. 790.

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6086. Frederici Antonii Guilelmi Miquel, . . . *Commentatio de organorum in vegetabilibus ortu et metamorphosi,* in certamine literario civium academiarum belgicarum, die viii mensis Februarii a. mdcccxxxiii, ex sententia ordinis disciplinarum mathematicarum et physicarum in Academia lugduno-batava praemio ornata. Lugduni batavorum (apud S. et J. Luchtmans, . . .) 1833. Qu. (*Comm. organ. veg.*).
Publ.: 1833, p. [i], [1]-101, *2 pl. Copy*: FI. – See SM 4 for further details.

6087. F. A. W. Miquel's *Homerische flora.* Aus dem Holländischen übersetzt von J. C. M. Laurent, ph. Dr. Altona (bei Johann Friedrich Hammerich) 1836. Oct. (*Homer. fl.*).
Translator: J. C. M. Laurent.
Publ.: Jul-Nov 1836 (see SM no. 13), p. [i]-vii, [viii], [1]-70. Copy: U. – Translation of (SM 7): *Tentamen florae homericae,* Tijdschr. nat. Gesch. Physiol. 2(2): 111-165. 1835 (reprints available on 1 Nov 1835, *Copy*: USDA).
Ref.: Schlechtendal, D. F. L. von, Linnaea 11(6) (Litt.): 216-217. 1837.

6088. *De Noord-Nederlandsche vergiftige gewassen* . . . Amsterdam (Bij C. G. Sulpke) 1836. Oct. (*N. Nederl. vergift. gew.*).
Publ.: 1836-1837 (SM 11), in four parts, p. [1]-198, *pl. 1-30* (numbers in text), partly hand-coloured lithographs. *Copies*: G, FAS, KNAW, L, NY, U. – The publisher Sulpke bought some plates from Aimé Henry in Bonn, used for his book *Die Giftpflanzen Deutschlands* (PR 3971). A few other plates were made especially, by Henry, for Miquel's publication.

part	pages	*plates*	dates	part	pages	*plates*	dates
1	1-80	*1-8*	Dec 1836	3	113-144	*17-24*	Apr-Dec 1836
2	81-112	*9-16*	Mar 1837	4	145-198	*25-30*	Apr-Dec 1836

These dates are based on letters by van Hall to Miquel; part 1 was announced as available by the Nieuwsblad voor den Boekhandel, 14 Dec 1836. – The copy at G has cover dated 1837.

Ed. 2: 15 Nov 1838 (SM 11; Flora rd. 5 Feb – 2 Jul 1838), p. [1]-220, *pl. 1-30*. *Copy*: USDA. – "Tweede vermeerderde uitgave." Amsterdam (id.) 1838. Oct.

6089. *Disquisitio geographico-botanica de plantarum regni-batavi distributione.* Lugduni Batavorum [Leiden] (apud P. H. van den Heuvell) 1837. Oct. (*Disq. pl. bat. distr.*).
Publ.: 3-8 Apr 1837 (SM 15; Ned. Staatscour.), p. [i*-viii*], [i]-xxxii, [1]-88. *Copies*: G, KNAW, L, NY, U.
Ref.: Beilschmied, Jb. wiss. Kritik 1838 (1): 551-552, 553-560, 561-564.

6090. *Leerboek tot de kennis der artsenygewassen*, derzelver zamenstelling, krachten, gebruik en pharmaceutische bereidingen ... te Amsterdam (bij C. G. Sulpke) 1838. Oct. (*Leerb. Artsenygew.*).
Ed. 1: Dec 1838 (SM 44), p. [i]-xliii, [xliv, summary], [1]-405, [406, err.]. *Copies*: NY, USDA. – H.t.: "Beschrijving der artsenijgewassen volgens de natuurlijke rangschikking."
Ed. 2: 11 Aug 1859 (SM 181), p. [i]-xvi, [i]-lx, [1]-405, [406]. *Copies*: L. MO, USDA. – "Leerboek der artsenijgewassen, ... nieuwe uitgave, in verband met de Nederlandsche apotheek." Utrecht (C. van der Post Jr.), Amsterdam (C. G. van der Post) 1859. Oct.

6091. *Commentarii phytographici*, quibus varia rei herbariae capita illustrantur. Scripsit Fred. Ant. Guil. Miquel. Accedunt tabulae xiv. Lungduni batavorum [Leiden] (apud S. et J. Luchtmans, ...) 1838 [i.e. 1839]-1840. Fol. (*Comm. phytogr.*).
Preface material: Dec 1840 or Jan 1841 (SM 49), p. [i]-vii, [viii, ix, xi].
Fasc. 1: 11-16 Feb 1839 (SM 49; Ned. Staatscour.), p. [1]-29, *pl. 1-3*. – "*Commentatio de vero Pipere cubeba*, deque speciebus cognatis ac cum eo commutatis, cui praemissa est disputatio taxonomica et geographica de Piperaceis." Lugduni Batavorum (id.) 1839.
Fasc. 2: 16-21 Mar 1840 (SM 49; Ned. Staatscour.), p. [i-iv], 31-92, *pl. 4-11*. – "*Observationes de Piperaceis et Melastomaceis*." Lugduni Batavorum (id.) 1840.
Fasc. 3: Dec 1840 or Jan 1841 (SM 49), p. [i, iii], [93]-146, *pl. 12-14*. – "Sylloge plantarum novarum vel minus cognitarum ex ordinibus Araliacearum, Cactacearum, Hypoxidearum, Cycadearum et Urticacearum." Lugduni Batavorum (id.) 1840.
Copies: FI, G, KNAW, MO, NY, US, USDA. – The plates are un-coloured liths, after drawings by Miquel (*1, 2, 4, 8, 10*) and Q. M. R. Ver Huell (*3, 5, 6, 7, 9, 12, 13, 14*).

6092. *Genera cactearum* descripta et ordinata, quibus praemissi sunt characteres totius ordinis et adfinitatum adumbratio. Scripsit F. A. Guil. Miquel. Roterodami [Rotterdam] (apud Adolphum Baedeker) 1839. Oct. (*Gen. cact.*).
Publ.: Jun-Jul 1839 (SM 51), p. [i], [1]-32. *Copies*: G, MO, USDA, WU. – Preprinted with separate pagination, separate title-page, and different title from *Bull. Sci. phys. nat. Néerl.* 1839 (2): [87]-118. This fascicle was published after Mai 1839. The title of the article in the journal is "Genera cactearum exposuit F. A. W. Miquel."
Reprint: 1840, p. [i], [87]-118. *Copy*: KNAW. – With original journal pagination. Roterodami (id.) 1840. Oct.

6093. *Monographia generis Melocacti.* Auctore F. A. Guil. Miquel, A.C.N.C.S. Cum tabulis lapidi incisis xi. (Academiae trad. d. x. Decembr. a. mdcccxxxviii.) (Acta Acad. Caes. Leop. Carol. Nat. Cur. vol. xviii. suppl.) Vratislaviae [Breslau] et Bonnae [Bonn] (Venditur Bonnae apud Eduardum Weber, bibliopolam.) 1840. Qu. (*Monogr. Melocacti*).
Publ.: Sep 1840 (SM 62; TL-1), p. [1]-119, "200" [= 120], 120b, 120c, *pl. 1-11* (*1-2* partly col. liths., *3-5* uncol., *6-11* handcol., nos. *1-4* by Miquel; *5, 10-11* by Q.M.R. Ver Huell; *7* by Dorothea Lehmann, *8* by Goddard, *9* by Catharina Maria Schell; *6* unsigned). *Copy*: L. – Preprint from Nova Acta Leop. 18, suppl. 1: 81-200, 200b, 200c, *pl. 1-11*. 1841.
Reprint: with original journal pagination and repagination but with journal title (no imprint), s.d. [1841], p. [1]-120, 120b, 120c, also [81]-200, 200b, 200c. *Copy*: KNAW.
Reprint: with original journal pagination only, with journal title page (no imprint, but marked "vol. xviii. suppl." and sign. 11), p. [81]-200, 200b, 200c, *pl. 1-11*. *Copy*: G. (journal t.p. dated 1841).

6094. *Monographia Cycadearum* scripsit F. A. G. Miquel. Accedunt octo tabulae. Trajecti ad Rhenum [Utrecht] (apud Robertum Natan, ...) 1842. Fol. (*Monogr. Cycad.*).

Publ.: Jan 1842 (SM 66; TL-1), p. [i*, iii*], [i]-ii, [iii-iv], [1]-82, *pl. 1-8* col. liths. after drawings by Ferdinand Bauer (*1-5*), Q.M.R. Ver Huell (*2, 6-8*), and Miquel (*i*). *Copies*: FI, G, MO, NY. – Dedicated to Ad. Brongniart and Q. M. R. Ver Huell. Brongniart's copy of Dec 1841 must have been one of the first to be available. – For a contemporary comment see W. H. de Vriese, Tijdschr. nat. Gesch. Physiol. 10(1): 57-67. 1843.

6095. *De Cycadeis loddigesianis*. Epistola ad Vir. Cl. G. H. de Vriese, quam scripsit Fr. Ant. Guil. Miquel [Tijdschr. nat. Gesch. Physiol. 10(1) 1843]. Oct.
Publ.: probably Mar-Mai 1843 (in journal, see SM 74), p. [1]-7. *Copy*: FI. – Preprinted or reprinted from Tijdschr. nat. Gesch. Physiol. 10(1): 68-74. 1843.
Abstract: Ann. Sci. nat. Bot. ser. 2. 19: 316-317. Mai 1843 "Description d'une nouvelle espèce de Zamia."

6096. *Sertum exoticum* contenant des figures et descriptions de plantes nouvelles ou peu connues; publié par F. A. W. Miquel. Tome 1. Rotterdam (H. A. Kramers) 1842 [i.e. 1843]. Qu. (*Sert. exot.*).
Publ.: Jan-Jul 1843 (see SM 79; Flora rd. 28 Jul – 12 Aug 1844; Bot. Zeit. rev. 8 Mar 1844; t.p. (=p.[1]) dated 1842, but cover 1843), p. [1]-8, *pl. 1-5* (uncol. liths. by Q. M. R. Ver Huell). *Copies*: G, L, U; IDC 6072. – Cover title: *Sertium exoticum* ... Miquel. Première livraison." Rotterdam (id.) 1843.
Ref.: Steenis-Kruseman, M. J. van, Fl. males. Bull. 3: 644. 1959.

6097. *Epistola de novo fungorum entophytorum genere*, quam Academiae praesidi (die xx Julii a. mdccxxxviii) scripsit Fr. A. Guil. Miquel ... *Nova Acta Leop.* 19(2); 161-168, *pl. 55*. 1842 [i.e. 1843]. Qu.
Publ.: Apr. 1843 (Nees von Esenbeck sent reprints [dated 1842] on 8 Mai 1843; volume 19(2) of the *Nova Acta*, although dated 1841, came out only in Apr 1843 fide corr. Nees-Miquel at U). See also SM 71. – We have seen no copy of the reprints.

6098. *Systema piperacearum* Roterodami [Rotterdam] (apud H. A. Kramers) 1843-1844, 2 fasc. Oct. (*Syst. piperac.*).
Fasc. 1: 4-9 Dec 1843 (Ned. Staatscour.; (SM 78), p. [ii*-v*], p. [i]-iv, [1]-304.
Fasc. 2: 4 Apr 1844 (SM 78), p. [i], 305-575.
Copies: FI, G, L, MO, NY, U, USDA; IDC 6073. – The book is dedicated to Benjamin Delessert, who acknowlegded the receipt of six copies [of fasc. 1] on 11 Jan 1844 [ULU]. The Bot. Zeit. of 9 Feb 1844 (p. 111) carried an advertisement "so eben erschienen". Meisner acknowledged receipt of a copy on 20 Feb 1844 [letter ULU]. Part 2 was announced for Mar 1844 on the cover of part 1. The first mention of it is in the Nieuwsblad voor den Boekhandel (4 Apr). Preface dated 1 Aug 1843.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 2: 157-158. 1 Mar 1844 (fasc. 1), 2: 604. 23 Aug 1844 (fasc. 2).
Anon., Flora 27: 96. 1843 (fasc. 1 rd. Jan 1844), 29: 410. 1844 (rd. Jun 1844).

6099. *Symbolae ad floram surinamensem*. [a series of articles in] Linnaea vols. 18, 19, 21 and 22 (see SM 90).

pars Symb.	Linnaea vol./Heft	pages	dates of publ.
I	18(1)	[49]-82	24-26 Oct 1844
II	18(2)	225-240	Nov 1844-Feb 1845
III	18(2)	[241]-256	Nov 1844-Feb 1845
III ctd.	18(3)	257-271	Nov 1844-Jul 1845
IV	18(3)	[272]-301	Nov 1844-Jul 1845
V	18(3)	[353]-384	Nov 1844-Jul 1845
VI	18(5)	[563]-624	Mai-Dec 1845
VII	18(6)	[735]-756	Jul-Dec 1845
VIII	19(1)	[125]-128	Jan 1846
VIII ctd.	19(2)	129-145	Feb 1846
IX	19(2)	[221]-233	Feb 1846
X	21(4)	[473]-479	Aug 1848

pars Symb.	Linnaea vol./Heft	pages	dates of publ.
XI	22(2)	[169]-176	Jun 1849
XII	22(4)	[465]-476	Aug 1849

For the dates of the various issues of Linnaea see Schlechtendal. – Reprints were issued without cover and without additional imprint. The preface to the *Symbolae* [Linnaea 18(1): 50] is dated Mai 1844.
Sets of reprints: NY, US. – To be cited from journal.

6100. Frederici Antonii Guil. Miquel *Oratio de regno vegetabili* in telluris superficie mutanda efficaci. Quam publice habuit die ii. m. Martii mdcccxlvi quum in Athenaeo illustri Amstelaedamensi medicinae et botanices professionem ordinariam auspicaretur. Amstelaedami (e Typographia civitatis publica) 1846. Qu. (*Oratio regn. veg.*).
Publ.: Mar-Jul 1843 (SM 103), p. [1]-43. *Copy*: US.
Ref.: Schlechtendal, D. F. G. von, Bot. Zeit. 4: 653. 1846.

6101. *Illustrationes piperacearum.* Von F. A. W. Miquel, M.d.A.d.N. Mit xcii Tafeln gezeichnet von Q. M. R. Ver Huell, ... (Nova Acta Acad. Caes. Leop. Catal. Nat. Cur. vol. xxi. suppl.) [1847]. Qu. (*Ill. piperac.*).
Artist: Quirijn Maurits Rudolf Ver Huell (1787-1860), (uncol. liths.).
Publ.: Nov-Dec 1847 (SM 111; rd. by Flora Jan 1848; noted in Flora on 21 Dec 1847 as "neuerdings"; Martius saw a copy shortly before 27 Dec 1847 (letter to Miquel at U)), p. [1]-87, *pl. 1-92*. *Copies*: KNAW, U. – This is the reprint, without journal t.p.'s and with parenthetical indication "(Acta ...)", undated, without other special imprint.
Journal publ.: Nova Acta Leop. 21, suppl. 1: [1]-87, *pl. 1-92*, t.p. of journal issue dated 1846 but all evidence points at Nov-Dec 1847 as the date of publication. The copies at G, NY and US are copies of the journal issue which contained only this paper. The title (p. [1]) has "Der Akademie übergeben im März 1844. Vol. xxi. Suppl." and lacks the parenthetical indication of the name of the journal. – Journal: "Vratislaviae [Breslau], typ. Grass. Barth & Co."

6102. *Revisio critica Casuarinarum.* Nieuwe Verh. Eerste Klasse Kon. Ned. Inst. Wet. 13: 267-350. *pl. i-xii.* [Amstelodami (C. G. Sulpke)] 1848. Qu.
Publ.: Feb 1848 (SM 117). *Copy*: KNAW. – The article was also published separately. It is not known whether the reprints preceded the publication of the volume of the Verhandelingen, or whether the volume of the Verhandelingen was published in parts. Miquel sent copies to Lindley and Kunze on 10 Feb 1848 (Letter to Lindley at K, acknowledgement of receipt by Kunze in letter of 3 Apr 1848, ULU). The copy for W. J. Hooker was forwarded on 30 Mar (letter at K); Schlechtendal owned a copy on 15 Apr 1848. – The twelve plates are uncoloured liths. of drawings by Q. M. R. Ver Huell.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 6: 451-452. 16 Jun 1848.

6103. [*Hortus Amstelodamensis* of Afbeeldingen en beschrijvingen van merkwaardige gewassen uit den Hortus botanicus te Amsterdam. Amsterdam. Fol.].
Publ.: This publication, announced in a separately printed prospectus and in the Botanische Zeitung 6: 292 (7 Apr 1848), never appeared. It was planned to issue two parts of 6 plates plus accompanying text per year. See SM 124.

6104. *Over de Afrikaansche Vijge-boomen* door F. A. W. Miquel ... Amsterdam (C. G. Sulpke) 1849. Qu. (*Afr. Vijge-boom.*).
Publ.: Nov-Dec 1849 (t.p. 1846; Kunze acknowledged receipt on 6 Feb 1840; rev. Flora 21 Feb 1840), p. [i], [1]-40, *pl. 1-5* (uncol. liths. by Q. M. R. Ver Huell). *Copy*: U. – Preprinted from Verh. Eerste Klasse Kon. Ned. Inst. Wet. ser. 3. 1: 111-150, *pl. 1-4*. 1849 or 1850. See also SM 132.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 8: 549-552. 19 Jul 1850.
Fürnrohr, A. E., Flora 33: 103-112. 21 Feb 1850.

6105. *Analecta botanica indica* commentationes de variis stirpibus Asiae australioris, scripsit F. A. G. Miquel. Pars I.[II.,III.] ... cum tabl. x[vii, iii]. Overgedrukt uit Verh. der Eerste

Klasse van het Koninklijk-Nederlandsche Instituut, 3e reeks, 3e[4e, 5e] Deel. Amsterdam (C. G. Sulpke) 1850-1852, 3 parts. Qu. (*Anal. bot. ind.*).

Pars I. Stirpes quaedam borneenses: Mai 1850 (SM 134), p. [i], [1]-30, *pl. 1-10.* – Reprinted from Verh. Eerste Klasse Kon. Ned. Inst. Wet. ser. 3. 3: [1]-30, *pl. 1-10.* 1850.

Part II. Thymelaearum, Palmarum, Pandanearum, Graminearum, Cycadearum et Filicum species selectae: 1 Jan-16 Feb 1851 (SM 134), p. [i], [1]-44, *pl. 1-7* (id., nos. *3* and *4* col.). – Reprinted from id. ser. 3. 4: [13]-56, *pl. 1-7.* 1851. Copies exist also with reprint t.p. and journal sheets with orig. pagination.

Pars III vel posthuma. Novae vel rariores species dicotyledoneae nec non de Rafflesiae genere observationes: 13-19. Feb 1852 (SM 134; TL-1), p. [i], [1]-30, *pl. 1-3.* 1852. – Reprinted from id. ser. 3. 5: [1]-30, *pl. 1-3.*

Copies: FI, G, L, LC, MO, NY.

6106. *Stirpes surinamenses selectae.* Digessit F. A. Guil. Miquel, ... accedunt tabulae lxv. Lugduni Batavorum (apud Arnz. & Soc.) 1850 [i.e. 1851]. Qu. (*Stirp. surinam. select.*).

Publ.: Mar 1851 (SM 143; TL-1), p. [i*-iii*, titles journal], [i]-vii, [viii], [1]-234, *pl. 1-65* (uncol. liths. of drawings by Q. M. R. Ver Huell). *Copies*: FI, G, L, MO, NY, US(2), USDA. – Also issued as Natuurk. Verh. Holl. Maatsch. Wet. Haarlem ser. 2, vol. 7.

6107. *Plantae junghuhnianae.* Enumeratio plantarum, quas in insulis Java et Sumatra, detexit Fr. Junghuhn ... Lugduni-Batavorum [Leiden] (A. W. Sythoff), Parisiis (J. B. Baillière [1851]- 1853-1855[-1857]. Oct. (*Pl. jungh.*).

part	pages	dates	part	pages	dates
1	1-106	Mar 1851	4	395-522	1855 or 1857?
2	107-270	Aug 1852	5	523-570	1857
3	271-394	Aug 1854			

Copies: G, KNAW, L, MO, Teyler, U, USDA; IDC 636, 867. – See SM 144. – The major part of the text is by Miquel, but a number of families are dealt with by other authors: G. Bentham, R. B. van den Bosch, A. J. de Bruyn, L. A. J. Burgersdijk, L. H. Buse, F. Dozy, J. K. Hasskarl, J. H. Molkenboer, C. Montagne, C. M. van der Sande Lacoste, A. Spring and W. H. de Vriese. – Miquel, perhaps together with W. H. de Vriese, acted as general editor. The history of the publication of parts 4 and 5 is not yet quite clear. On 31 Jan 1857 [sic] Miquel and de Vriese presented parts 1-3 to the Royal Academy of Sciences. It is recorded in the *Verslagen en Mededeelingen der Koninklijke Akademie van Wetenschappen, Afdeeling Natuurkunde* (6: 53-58. 1857) that the "fourth and last part" had not yet appeared. Descriptive announcements, almost certainly by Miquel, in the Alg. Konst- en Letterbode fasc. 1-2 in 1852(2): 122-123. 20 Aug 1822; fasc. 2 (again) 1853(2): 267-268. 21 Oct 1853). A review by C. A. J. A. Oudemans of fasc. 3 was published in the volume for 1854: 273-274. 26 Aug 1854. – The fascicle covers of fasc. 3 and 4 have only an imprint "Lugduni-Batavorum, A. W. Sythoff." We have seen no cover of fasc. 5.

Ref.: Dunn, J. Bot. 51: 358. 1913.
Wiltshear, F. G., J. Bot. 52: 44-45. 1914.
Steenis, C. G. G. J. van, Fl. males. Bull. 2: 50. 1947.
Marshall, H. S., Kew Bull. 1953: 279-280.
Steenis-Kruseman, M. J. van, Fl. males. 3: 823. 1961.

6108. *Cycadaceae quaedam americanae,* partim novae. Descripsit F. A. G. Miquel. Overgedrukt uit Verh. der Eerste Klasse van het Koninklijk-Nederlandsche Instituut, 3e Reeks, 4e Deel. Met vier platen. Amsterdam (J. C. A. Sulpke) 1851. Qu. (*Cycad. amer.*).

Publ.: 1851, p. [i], [1]-8, *pl. 1-4* (partly col. liths.; artist Q. M. R. Ver Huell). *Copies*: G, USDA. – Reprinted from Verh. Eerste Klasse Kon. Ned. Instituut Wet. ser. 3. 4: 181-188, *pl. 1-4.* 1851 (cf. SM 148).

6109. *De fossiele planten van het krijt in het hertogdom Limburg.* Verhandelingen uitgegeven door de Commissie belast met het vervaardigen eener geologische beschrijving en kaart van Nederland 1(2): 33-56 [1-24]. *tt. 1-7.* 1853.

Publ.: 1853, probably Dec ["am Ende des ... Jahres", Bonplandia 2: 171. 1854, correspon-

dence from Amsterdam; Ferd. Roemer acknowledged the receipt of a copy to Miquel on 17 Apr 1854 (letter ULU)] (SM 159).

6110. *Beschouwingen over de delfstoffen* en de geschiedenis der aarde ... behoorende tot de nieuwe uitgave van het werk, ten titel voerende: J. A. Uilkens, De volmaaktheden van den Schepper in zijn schepselen beschouwd. Leeuwarden (G. T. N. Suringar) 1855. Oct. (*Beschouw. delfst.*).
Publ.: In seven parts in the course of 1855 (see SM 168), p. [i*-iii*], [i]-viii, [3]-479, *pl. 1-18* (uncol. liths.), table. *Copies*: FAS, KNAW.

6111. *Flora van Nederlandsch Indië* ... Amsterdam (C. G. van der Post), Utrecht (C. van den Post Jr.), Leipzig (bij Fried. Fleischer) 1855-1859, 3 vols. Oct. (*Fl. Ned. Ind.*).
Alternative title: Flora Indiae batavae.
1(1): p. [i]-xxiv, [1, h.t.], [1]-1116, *pl. 1-14*.
1(2): p. [i]-xii, [1]-704, *pl. 15-30*.
2: frontisp., p. [i]-ix, [1]-1103, *pl. 31-36*.
3: frontisp., p. [i]-x, [1]-773, chart, 2 maps, *pl. 37-41*.
Copies: FI, G, FAS, L, MO, NY, U, US, USDA; IDC 6074. – See SM 167.

vol.	part	pages	*plates*	dates
1[1]	1	1-160	*1-2*	2 Aug 1855
	2	161-336	*3-4*	6 Sep 1855
	3	337-512	*5-7*	20 Dec 1855[Oct 1855*]
	4	513-688	*8-9*	Apr 1856
	5	689-864	*10-11*	10 Jul 1856
	6	865-1040	*12-13*	19 Aug 1858
		1041-1116		
		+ Index, xviii-xxiv	*14*	30 Sep 1858
1[2]	1	1-176	*15-18*	23 Dec 1858
	2	177-352	*19-24*	4 Aug 1859 [Mai 1859*]
	3	353-512	*25-29*	6 Oct 1859
	4	513-704	*30*	3 Nov 1859
2	1	1-176	*31-32*	4 Dec 1856
	2	177-352	*33-34*	2 Jul 1857
	3	353-528	*35*	20 Aug 1857
	4	529-704	*36*	31 Dec 1857
	5	705-880		8 Apr 1858
	6	881-960		30 Sep 1858
	7	961-1103, t.p.		
		contents, xi pp.		4 Aug 1859
3	1	1-176	*37*	1 Nov 1855
	2	177-352	*38-40*	25 Dec 1856
	3	353-528		26 Nov 1857
	4	529-773	*41*	29 Dec 1859
		chart, 2 maps, x pp.		

The parts were issued with special covers, which have rarely been kept (e.g. 1(4): copy FAS). For contemporary comments see W. H. de Vriese, Voorstel omtrent de voortzetting van de uitgave der Flora Javae, Tuinbouw-flora 3: 357-364 (1856) and J. Palacky, Übersicht der von Miquel in der Flora Indiae batavae bestimmten Cumingschen Philippinen-Pflanzen, Flora 43: 446-448 (28 Jul 1860). The plates are uncoloured lithographs of drawings by Q. M. R. Ver Huell. The frontispiece to vol. 1 (Rumphius) is by C. C. A. Last.
Ref.: E. F., Bull. Soc. bot. France 2: 797-798. 1856, 8: 55-56. 1861.
Kuntze, O., Rev. gen. 3(2): 159-160. 1898.
Nakai, J. Arnold Arb. 6: 211-213. 1925.
Furtado, C. X., Chron. bot. 5: 437-438. 1939.
Steenis, C. G. G. J. van, Bull. Jard. Bot. Buitenzorg ser. 3. 13: 284-285, Fl. males Bull. 2: 50. 1947.

Steenis-Kruseman, M. J. van, Fl. males. Bull. 15: 739-740. 1960.

6112. *Catalogus horti botanici amstelodamensis* Amstelodami [Amsterdam] (prostat apud M. Westerman & filium) 1857. Oct. (*Cat. hort. amstelod.*).
Co-author: J. C. Groenewegen (1810/11-1884), curator, Amsterdam botanical garden.
Publ.: Jan 1857 (SM 176; acquired by Royal Academy of Sciences in Jan 1857, fide Versl. Med. Kon. Akad. Wet. afd. Natuurk. 6: 523 [report Miquel], 61 (accessions register); Miquel sent a copy to Schlechtendal on 18 Feb 1857 (letter HAL)), p. [i, iii], [1]-347. *Copies*: BR, FI, KNAW, L, NY.
Ref.: -t-, Bot. Zeit. 15: 341-342. 1857.

6113. *Flora van Nederlandsch Indië,* door F. A. W. Miquel. *Eerste bijvoegsel,* Sumatra, zijne plantenwereld en hare voortbrengselen. Met platen. Amsterdam (C. G. van der Post), Utrecht (C. van der Post Jr.), Leipzig (bij Fried. Fleischer) 1860 [-1861]. Oct. (*Fl. Ned. Ind., Eerste bijv.*).
Publ.: in three parts, 1860-1861. *Copies*: FI, G, L, NY, U, US, USDA; IDC 6075. – See SM 185. – Plates uncol. liths., artist Q. M. R. Ver Huell. Alternative t.p.: "*Flora Indiae batavae,* ... supplementum primum. Prodromus florae sumatranae."
1: Dec 1860, p. [i]-xx, [1]-160, *pl. 1-2.*
2: Jun 1861, p. 161-336, *pl. 3.*
3: Dec 1861, p. [xxi]-xxiv, 337-656, *pl. 4.*
Reissue: 1862, p. [iii]-xxiv, [1]-656, *pl. 1-4* (id.). *Copy*: NY. – With a single, new, t.p.: "*Sumatra,* zijne plantenwereld en hare voortbrengselen ..." Amsterdam (C. G. van der Post), Utrecht (C. van der Post Jr.) 1862. Oct. (*Sumatra*).
German translation: 1862 (see SM 204), p. [i]-xxiv, [1]-656, *pl. 1-4* (id.). *Copies*: FI, G. – "*Sumatra,* Seine Pflanzenwelt und deren Erzeugnisse, ... Deutsche Ausgabe." Amsterdam (C. G. van der Post), Utrecht (C. van der Post Jr.), Leipzig (Fried. Fleischer) 1862. Oct. (*Sumatra, ed. germ.*).
Ref.: Steenis, C. G. van, Fl. males. Bull. 2: 363. 1953.
Stafleu, F. A., Dedication, Fl. males. 8: (7)-(16). 1978.

6114. *Prodromus systematis Cycadearum.* In honorem festi diei xv kal. m. Julii mdccclxi, quo Academia rhenotrajectina exacta xlv lustra celebrat, edidit F. A. Guil. Miquel. Prostat Ultrajecti [Utrecht] (apud. C. van der Post Jr.), Amstelodami (apud C. G. van der Post) 1861. Qu. (*Prodr. syst. Cycad.*).
Publ.: Jun 1861 (rd. by KNAW Jun 1861; Nieuwsbl. Boekh. 4 Jul 1861; SM 186), p. [i-vi], [1]-35, [36]. *Copies*: FI, G, KNAW, MO(2), NY, USDA. – Extract: J. Bot. néerl. 1(2): 192. Oct 1861, 193-198. Jan 1862.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 20: 30. 24 Jan 1862.

6115. *Journal de botanique néerlandaise,* rédigé par F.-A.-W. Miquel, ... Tome premier. Amsterdam (C. G. van der Post), Utrecht (C. van der Post Jr.), Leipzig (Carl Fr. Fleischer, ...), Paris (Leiber, ...), Londres (Williams & Norgate, ...) 1861. Oct. † (*J. bot. néerl.*).
Publ.: A single volume was published, in four parts (SM 187):

fasc.	pages	*plates*	dates	fasc.	pages	*plates*	dates
1	[1]-96	*i*	1-8 Aug 1861	3	193-288	*iii*	Jan 1862
2	97-192	*ii*	Oct 1861	4	289-384 [i, iii]		Jun 1862

Copies: FI, MO (orig. covers), NY, US (orig. covers), USDA (id.); IDC 7148. – Fasc. 1 was published on (or shortly before) 1 Aug 1861 fide Bot. Zeitung 19: 248. 23 Aug 1861 and Bonplandia 9: 274. 15 Sep 1861. It was announced as available by the Nieuwsblad voor den Boekhandel of 8 Aug 1861 and received by the Royal Academy of Sciences in the period Jul-Sep. – Fasc. 2 was received by the Academy in Oct 1861, fasc. 3 in Jan 1862, fasc. 4 in Jun 1862 (published accessions records). – The three plates are uncoloured unsigned lithographs.

6116. *Over de geografische verspreiding der Ficeae,* met een nader onderzoek omtrent de soorten,

welke in Amerika noordelijk van de landengte van Panama, voorkomen; ... Amsterdam (C. G. van der Post) 1862. Oct. (*Geogr. verspr. Ficeae*).
Publ.: after 29 Mar 1862 (see SM 203; date acceptance KNAW; Flora rev. 12 Dec 1863), p. [1]-34. *Copies*: G, U. – Reprinted from Versl. Med. Kon. Akad. Wet., afd. Natuurk. 13: 382-415. 1862.

6117. *Annales musei botanici lugduno-batavi.* Edidit F. A. Guil. Miquel, ... Amstelodami [Amsterdam] (apud C. G. van der Post). Traiecti ad Rhenum [Utrecht] (apud C. van der Post Jun.), prostat Lipsiae (apud Friedr. Fleischer), Londini (apud Williams et Norgate, Dulau et Socios), Parisiis (apud Fr. Klincksieck), Bruxellis (apud C. Muquardt) 1863-1869, 4 vols. Fol. (*Ann. mus. lugd.-bat.*).
Publ.: See SM 207. The following analysis of the contents of the fascicles is based on a copy in the original wrappers at the Botanical Museum, Utrecht. The announcements of the parts in the Nieuwsblad voor den Boekhandel are alas not complete. The full dates [day, month, year] given below are those of the announcements. For the parts not mentioned in the Nieuwsblad some further indication of the dates of publication is found in the dates on which the complementary copies were mailed from Leiden. The government put a hundred copies at the disposal of the Rijksherbarium and Miquel for free distribution among collaborators and major taxonomic centres abroad. These copies, however, were not mailed in single fascicles, but in consignments of, mostly, 5 fascicles. The signed receipts of these consignments are in the archives of the Rijksherbarium. They provide a last date for the last fascicle included in the consignments. These dates are the ones given below with the sole indication of month and year [e.g. 2(5): Jan 1866]. All other dates, in brackets, are obvious inferences from the covers and from the dates of earlier and later parts. *Copies*: FI, KNAW, L, MO, NY, U(2), USDA; IDC 6076.

tome	fasc.	folii	pages	tab.	dates on covers	further dates
1	1	1-8	1-32	*1*	1863	2 Jul 1863
	2	9-16	33-64	*2*	1863	6 Aug 1863
	3	17-24	65-96	*3*	1863	24 Sep 1863
	4	25-32	97-128	*4*	1863	5 Nov 1863
	5	33-40	129-160	*5*	1863	17 Dec 1863
	6	41-48	161-192	*6*	1864	11 Feb 1864
	7	49-56	193-224	*7*	1864	19 Mai 1864
	8	57-64	225-256	*8*	1864	23 Jun 1864
	9	65-72	257-288	*9*	1864	20 Oct 1864
	10	73-80	289-320, i-viii	*10*	1865	1 Dec 1864
	Ind.	81-83	321-331	–	1865	23 Mar 1865
2	1	1-5	1-20	*1*	1865	23 Mai 1865
	2	6-13	21-52	*2*	1865	[Apr-Dec 1865]
	3	14-21	53-84	*3*	1865	[Apr-Dec 1865]
	4	22-29	85-116	*4*	1865	[Apr-Dec 1865]
	5	30-37	117-148	–	1865	Jan 1866
	6	38-45	149-180	*5,6*	1866	Jan 1866
	7	46-53	181-212	*7*	1866	[Feb-Nov 1866]
	8	54-61	213-244	*8*	1866	[Feb-Nov 1866]
	9	62-69	245-276	*10*[sic]	1866	[Feb-Nov 1866]
	10	70-79	277-313, i-vi	*9*	1866	Dec 1866
3	1	1-8	1-32	*1,2*	1867	[Jan-Jun 1867]
	2	9-16	33-64	–	1867	[Jan-Jun 1867]
	3	17-24	65-96	*3*	1867	[Jan-Jun 1867]
	4	25-32	97-128	*4*	1867	[Jan-Jun 1867]
	5	33-40	129-160	*5*	1867	Jul 1867
	6	41-48	161-192	*6*	1867	[Aug-Oct 1867]
	7	49-56	193-224	*7*	1867	21 Nov 1867
	8	57-64	225-256	*8*	1867	[Dec '67-Jul '68]

tome	fasc.	folii	pages	tab.	dates on covers	further dates
	9	65-72	257-288	*9*	1867	[Dec '67-Jul '68]
	10	73-79	289-315	*10*	1867	Aug 1868
4	1	1-8	1-32	*1*	1868	[Sep-Dec 1868]
	2	9-16	33-64	*2*	1868	[Sep-Dec 1868]
	3	17-24	65-96	*3*	1868	[Sep-Dec 1868]
	4	25-32	97-128	*4*	1869	21 Feb 1869
	5	33-40	129-160	*5*	1869	28 Mar 1869
	6	41-48	161-192	*6*	1869	23 Mai 1869
	7	49-56	193-224	*7*	1869	8 Jul 1869
	8	57-64	225-256	*8,9*	1869	24 Oct 1869
	9	65-72	257-288	–	1869	[Nov '69-Feb '70]
	10	73-80	289-319, i-vi	*10*	1869	[Mar 1870]

The plates are coloured and uncoloured lithographs, often unsigned, but otherwise by various artists.

Ref.: Nakai, T., J. Arnold Arb. 6: 211-213, 1925, Bot. Mag. Tokyo 40: 363-365. 1926. Beumée, Fl. males. Bull. 1: 137. 1949.

6118. *Choix de plantes rares ou nouvelles, cultivées et dessinées dans le jardin botanique de Buitenzorg.* Publié avec un texte explicatif par F. A. W. Miquel, Professeur de Botanique à l'Université d'Utrecht. La Haye ['s Gravenhage] (chez C. W. Mieling) 1863. Fol. (*Choix pl. Buitenzorg*).

Publ.: 1863-1864 (SM 216), p. [i], *pl. 1-26* with text, [1, cont.]. *Copies*: FI, KNAW, NY. – Published in 13 parts of 2 plates each in 1863 and 1864. The set was probably completed by 11 Mar 1864 on which day the Ministry of colonial affairs presented a copy to the Rijksherbarium (Archives L, 1864, Aaz no. 25). It is not at all certain that all parts were issued separately. Part 1, with 2 plates only, was reviewed by Rauwenhoff, but the review of the complete work in Flora does not mention parts. 26 coloured lithographed plates of which nos. 5 and 9 are signed Th. Rocke, the numbers, 6, 8, 18, 20 J. E. L. Ljung.

Ref.: Rauwenhoff, N. W. P., Jaarb. Kon. Ned. Maatsch. Tuinbouw 1864: 121. Anon., Flora 47: 397-398. 26 Jul 1864.

6119. *Prolusio florae japonicae.* Scripsit F. A. Guil. Miquel ... accedunt tabulae ii. Amstelodami [Amsterdam] (apud C. G. van der Post), Traiecti ad Rhenum [Utrecht] (apud C. van der Post Jm.) [1865-]1866-1867. Fol. (*Prolus. fl. jap.*).

Publ.: (see SM 236), mainly a reprint from *Ann. Mus. bot. Lugd. bat.*, see below, p. [i]-viii, [1]-189 (part 1), 189-392 (part 2), *pl. i-ii. Copies*: G, L, MO, NY, USDA, (orig. covers). i-viii published only in the book itself (title-page, dedication to Asa Gray and C. I. Maximowicz, introduction, conspectus), 21 Nov 1867.

pages book	*Annales*	*Annales* pp. vol./pars	*tt.*	dates *Annales*
1-6	2(3)	69-84	-	Apr-Dec 1865
17-49	2(4)	85-116	-	Apr-Dec 1865
49-80	2(5)	117-148	-	Jan 1866
81-112	2(6)	149-180	-	Feb-Nov 1866
113-144	2(7)	181-212	-	Feb-Nov 1866
145-164	2(9)	257-276	x[=ii]	Feb-Nov 1866
165-188	2(10)	277-300	ix[=i]	Dec 1866
189-220	3(1)	1-32	-	Jan-Jun 1867
221-252	3(2)	33-64	-	Jan-Jun 1867
253-254	3(3)	65-66	-	Jan-Jun 1867
255-260	3(3)	91-96	-	Jan-Jun 1867
261-292	3(4)	97-128	-	Jan-Jun 1867
293-324	3(5)	129-160	-	Jul 1867
325-356	3(6)	161-192	-	Aug-Oct 1867

pages book	*Annales*	*Annales* pp. vol./pars	*tt.*	dates *Annales*
357-373	3(7)	193-209	-	21 Nov 1867
374-392	published only in the book itself ("*Conspectus florae japonicae*"), 21 Nov 1867.			
i-vii	published only in the book itself (title-page, dedication to Asa Gray and C.I. Maximowicz, introduction, conspectus), 21 Nov 1867.			

According to the review of part 1 in Flora (48: 540-541) of Nov 1865 the book would be published in four parts. It is not known whether this was actually done. The book is reviewed as a whole by A. Kanitz in Bot. Zeit. (25: 412-413), 20 Dec 1867, and announced as a whole in the Nieuwsblad voor den Boekhandel of 21 Nov 1867. No further data on contents and dates are, however, available at this moment. It is unlikely that if the book was indeed published in parts, these parts would have preceded publication in the Annales. The dates of the latter can therefore be accepted for the *Prolusio*.
The text is all by Miquel except that of the *Musci frondosi* p. 180-188, 373, which is by Cornelius Marinus van der Sande Lacoste (1815-1887).

6120. *Sur les érables du Japon.* Arch. néerl. Sci. exactes nat. 2(5): 467-480. 1867.
Publ.: (see SM 259). The last fascicle (no. 5) of volume 2 of the *Archives* was published in Dec 1867 (p. 452 dated Décembre 1867), or, more likely Jan-Mar 1868. Miquel sent a reprint (dated 1867) to Meisner who received it on or before 8 Apr 1868. These reprints have the original journal pagination (*Copies*: G, MO, USDA). The species of *Acer* attributed to Maximowicz as "ined." were actually published just before Miquel's article, on 13 Nov 1867 in Mél. Biol. Acad. Sci. St. Pétersb. 6: 367-376 (information kindly supplied by D. H. Nicolson).
Ref.: H. S., Bot. Zeit. 26: 351-352. 22 Mai 1868.
Eichler, A. W., Flora 51: 332-333. 15 Aug 1868.

6122. *De palmis archipelagi indici* observationes novae . . . edidit Academia regia disciplinarum Nederlandica. Accedit tabula picta. Amstelodami [Amsterdam] (apud C. G. van der Post) 1868. Qu. (*Palm. archip. ind.*).
Publ.: Feb 1868 (SM 261), p. [i], [1]-33, *1 pl.* (col.). *Copies*: FI, MICH, USDA. – Preprinted from Verh. kon. Akad. Wet. 11: 1-33, *pl. 1.* 1868.
Ref.: A. W. E. [Eichler], Flora 51: 316-318, 30 Jul 1868.
M. K., Bot. Zeit. 26: 846. 1868.

6123. *Nieuwe bijdragen tot de kennis der Cycadeen.* Eerste-zesde gedeelte. Versl. Med. Kon. Akad. Wet. afd. Natuurk. ser. 2, vols. 3 and 4.

gedeelte	vol. Verslagen	pages	probable date of publ.
Eerste	ser. 2. 3(1)	1-44	20 Aug 1868
Tweede	ser. 2. 3(1)	45-49	20 Aug 1868
Derde	ser. 2. 3(1)	50-57	20 Aug 1868
Vierde	ser. 2. 3(2)	152-165	18 Mar 1869
Vijfde	ser. 2. 3(2)	196-206	18 Mar 1869
Zesde	ser. 2. 4	23-37	1869 (probably Oct)

Reprints with separate cover and pagination for 1-3 (p. 1-57. 1868), 4 (p. 1-14. 1868), 5 (p. 1-11. 1868), 6 (not seen, dated 1869). *Copies* G. The dates of the reprints point at publication of parts 1-5 in 1868, 6 in 1869). The reviews of part 6 also point at 1869 as the date of publication; it is probable that reprints were issued: in the summary given by L'Illustration horticole, part 6 is dated Oct 1869. – The dates given above are those on which the relevant parts of the Verslagen were announced as available by the Nieuwsblad voor den Boekhandel. The date for part 6, however, is that of the reprints; the Verslagen ser. 2. 4(1) were announced by the Nieuwsblad on 29 Jan 1870.
See SM 264 for French versions.

6124. *Catalogus musei botanici lugduno-batavi.* Digessit F. A. Guil. Miquel. Pars prima. Flora japonica. Prostat Hagae Comitis ['s Gravenhage] (apud Martinum Nijhoff) 1870. Oct. (*Cat. mus. bot. lugd.-bat.*).
Publ.: 19 Feb 1870 (TL-1; SM 290), p. [i]-vi, [vii], [1]-229. *Copies*: KNAW, L, MO, NY.
Ref.: Anon., Flora 53: 266-267. 25 Jul 1870.

6125. *Illustrations de la flore de l'Archipel indien,* par F. A. W. Miquel. Amsterdam (C. G. van der Post), Utrecht (C. van der Post Jr.), Leipzig (Friedr. Fleischer) 1871. Qu. (*Ill. fl. Archip Ind.*).
Preface (p. v-vi) by Willem Frederik Reinier Suringar (1832-1898).
Publ.: (see SM 292). The third part was published by W. F. R. Suringar after Miquel's death: "une vie laborieuse et vouée à la science jusqu'au dernier soupir". According to the preface the plates *20-37* belonging to the second part were published with the third. However, plates *20-25* were in fact issued with fasc. 2.

part	pages	*plates*	dates
1	[1]-48	*1-13*	1870
2	49-96	*14-25*	1870
3	[i]-x, 97-112, [1-2]	*26-37*	1871

Copies: FI, G, KNAW, L, MO, U, US, USDA. – The book was intended as a simplified continuation of the *Annales*. – The plates are uncoloured lithographs of drawings by Ver Huell and Kouwels.
Ref.: Anon., Flora 54: 64. 1871, 55: 254-255. 1872.
Steenis, C. G. G. J. van, Fl. males. Bull. 1: 137. 1949.
Steenis-Kruseman, M. J. v., Fl. males. Bull. 5: 137. 1949.

Miranda, González, Faustino (1905-1964), Spanish-born Mexican botanist, D. Ci. Madrid 1929; from 1933-1935 at the marine biological laboratory at Pontevedra, Spain; to Mexico 1939; naturalized 1941; director Instituto botánico de Chiapas at Tuxtla Gutiérrez 1949-1954, from 1941-1949 and from 1954 at the Instituto de Biología, Mexico. (*Miranda*).

HERBARIUM and TYPES: MEXU; further material at NY, TEX, US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 495; Bossert p. 268; Hortus 3: 1200 ("Miranda"); IH 1 (ed. 6): 362, 2: 543; Langman p. 510-511 (!bibl.); NAF ser. 2.2.: 166, 5: 248.
Gomez Pompa, A. and B. G. Schubert, Taxon 14: 75. 1965.
Langman, I., Ciencia, México 24(5-6): 177-180. 1966.
Martinez, M., Bol. Soc. bot. Mexico 23: 1-9. 1958 (portr., bibl., Festschrift).
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EPONYMY: *Mirandaceltis* A. J. Sharp (1958); *Mirandea* Rzedowski (1959); *Neomirandea* King & Robinson (1970). *Note*: The derivation of *Mirandia* Toro (1934) could not be established. *Mirandina* Arnaud ex Matsushima (1975) commemorates Marcel Louis Mirande (1864-1930), French botanist.

6126. *Sobre las algas y cianoficeas del cantábrico* especialmente de Gijón . . . Madrid [Junta para ampliación de estudios e investigaciones científicas] 1931. Oct. (*Alg. cianofic. cantabr.*).
Publ.: 15 Mar 1931 (Nat. Nov. Sep 1932), p. [3]-106. *Copy*: BR. – Trabajos del Museu nacional de Ciencias naturales, ser. bot. 25.

Mirbel, Charles François Brisseau de (1776-1854), French botanist; in Paris 1798-1806 at the Muséum; from 1802-1806 head-gardener at Malmaison; in Holland with Louis Napoléon 1806-1810; from 1829 again attached to the Muséum (1829 professeur de culture); mainly plant anatomist and physiologist. (*Mirb.*).

HERBARIUM and TYPES: Material from the Pyrenees in P-JU, other material in P and PC. – A set of 53 plates, illustrating Californian plants, based on plants wholly or in large part collected by Paulo Emilio Botta (1802-1870) is at NY. Barnhart (in mss notes accompanying this volume) refers to A. Gray, Proc. Amer. Acad. 8: 195. 1870 who states that the drawings were made "by Decaisne and engraved for Mirbel who was to have published Botta's collections." The plates were engraved between 1834 and 1854. Barnhart does not exclude the possibility that Édouard Spach played a rôle in this unfinished project.

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(2) Cuvier, F., *Dict. Sci. nat.*, author of several botanical articles; see TL-2/1293.
(3) Lamarck, J. B. et B. Mirbel, *Hist. nat. vég.*, Paris an xi-1803, 15 vols., see TL-2/4140. – Italian translation (not mentioned under no. 4140): *Storia naturale dei vegetabili* classificata per famiglie, con la citazione delle classe e dello ordine di Linèe, . . . da G. B. Lamarck . . . e da B. Mirbel . . . recata in lingua italiana e corredata di note e aggiunte da D. A. Farini . . . Livorno (Fratelli Vignozzi e Nipote) 1841. *Copy*: FI (vols. 1(1-2), 2(1-3), 3(1-3), all 1841, with 84 col. pl.

EPONYMY: *Mirbelia* J. E. Smith (1805); *Mirbellites* Unger (1845).

6127. *Histoire naturelle*, générale et particulière, *des plantes*. Ouvrage faisant suite aux oeuvres de Leclerc de Buffon, et partie du cours complet d'histoire naturelle rédigé par C. S. Sonnini, membre de plusieurs sociétés savantes. Traité d'anatomie et de physiologie

végétales, servant d'introduction à l'histoire des plantes ... Paris (de l'imprimerie de F. Dufart) an x [1802]-1806, 18 vols. Oct. (*Hist. nat. pl.*).
Publ.: Part of the *Suites à Buffon*, accompanying the octavo edition of Buffon, *Histoire naturelle* ... rédigé par C. S. Sonnini, Paris 1799-1806; 64 vols. (excl. Suites). Mirbel was the author of vols. 1, 2, and 4-15; Nicolas Jolyclerc (x-1817) of vols. 3 and 16-18. *Copies*: MO, NY, USDA. – The MO copy has double sets of plates, one coloured, one uncoloured. The plates are by De Sève.

1: 19 Jul 1802 (JT), p. [1]-378, *pl. 1-2*, chart.
2: 19 Jul 1902 (JT), p. [1]-423, [424, err.], *pl. 3-16*.
3: 1806 (t.p.), p. [1]-357, *pl. 143-150*. – "... et continué par N. Jolyclerc, ..." Paris (id.) 1806.
4: 28 Jan 1803, p. [1]-431. – title as in vol. 1, publ. "an xi.".
5: 28 Jan 1803, p. [1]-429. – as vol. 4.
6: 1 Oct 1803, p. [1-2], [i*, extra t.p.], [3]-384. – as vol. 4.
7: 1 Oct 1803, p. [1]-473, [474, err.]. *pl. 16bis-22*. – as vol. 4.
8: 1804, p. [1]-419, [420, err.], *pl. 22-33, 34* (as "*24*"). – Paris (id.) an xii.
9: 1804, p. [1]-432, *pl. 35-40*. – as vol. 8.
10: 1805, p. [1]-444, *pl. 41-53*. – Paris (id.) an xiii.
11: 1805, p. [1]-417, [148, err], *pl. 54-67* (as "xxvii"). – as vol. 10.
12: 1805, p. [1]-434, 1, err.], *pl. 68-78*. – as vol. 10.
13: 1805, p. [1]-418, [1, err.], *pl. 79-87*. – as vol. 10.
14: 1805, p. [1]-427, [428, err.], *pl. 88-96*. – as vol. 10.
15: 1805, p. [1]-430, *pl. 97-106*. – as vol. 10.
16: 1806, p. [i-iv], [1]-407, *pl. 107-120*. – as vol. 3.
17: 1806, p. [1]-404, *pl. 112-128*. – as vol. 3.
18: 1806, p. [1]-384, *pl. 129-142*. – as vol. 3.

6128. *Recherches anatomiques et physiologiques sur le Marchantia polymorpha*, pour servir à l'histoire du tissu cellulaire, de l'épiderme et des stomates ... [Paris (Firmin Didot frères ...) 1835]. Qu. (*Rech. anat. Marchantia*).
Publ.: 1835, p. [1]-100, *pl. 1-10* (col., by Mlle. Legendre). *Copies*: FI, MO, NY, U-V. – Reprinted from Mém. Acad. Sci. Inst. France 13: 337-436, *pl. 1-10*. 1835. Preliminary publications: Nouv. Mém. Mus. hist. nat., Paris, 1: 93-130. 1834, Ann. Sci. nat. 25: 73-87. 1832.

Missbach, Ernst Robert (1864-1938), German botanist and teacher at Dresden, after his retirement curator of the botanical garden of the Landesverein Sächsischer Heimatschutz in Schellerhau; early promotor of school gardens. (*Missbach*).

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Mitchell, John (1711-1768), Virginia-born British physician and botanist; physician at Urbanna, Virginia; 1735-1746, 1746-1768 in London. (*Mitch.*).

HERBARIUM and TYPES: BM (Banks herb.); further material at G, LINN, OXF.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 496; BB p. 217; BM 3: 1323; Clokie p. 213; DAB 39: 129; Desmond p. 442-443; DNB 38: 70; Dryander 1: 192, 2: 54, 3: 31; Hortus 3: 1200 ("Mitch."); IH 2: 544; Kew 4: 16; Lasègue p. 329, 346, 497, 506; ME 1: 212, 3: 343, 350, 736; Pennell p. 614; PR 6293 (ed. 1: 6975); Rehder 1: 305; RS p. 120; TL-1/879.
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6129. *Dissertatio brevis de principiis botanicorum* et zoologorum deque novo stabiliendo naturae rerum congruo, cum appendice aliquot generum plantarum recens conditorum. Nürnberg 1769. Qu.
Original publication: Acta Nat. Cur. Ephemerides 8(App.): 187-224. 1748. The appendix (p. 203-224) contains new genera numbered i-xxx. Linnaeus and Adanson mostly refer to the genus number. The 1769 work is admissible for the purpose of valid publication of generic names.
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Mitchell, John (of Stanstead, Sussex) (1762-?), British land steward and botanist at Stanstead, Sussex and Keighley, Yorks. (*J. Mitch. Stanst.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BB p. 217; BM 3: 1323; Desmond p. 443; Jackson p. 206; PR 6294 (ed. 1: 6976-6977); Rehder 4: 120; Tucker 1: 491.

6130. *Dendrologia*; or, a treatise of forest trees, with Evelyn's Silva revised, corrected and abridged; by a professional planter, and collector of practical notes forty years. This work will be found useful and entertaining to noblemen, gentlemen, law-stewards, land-stewards, planters in general, and landscape gardeners: as it comprises the seminary, nursery, transplanting, training, thinning, pruning, felling, measuring, valuing, selling, converting, and final decomposition by age, dry-rot, &c. By J. Mitchell, ... Keighley (printed for the author, by R. Aked, ...) 1827. Oct. (in fours). (*Dendrologia*).
Publ.: 1827, p. [1]-280, *5 pl.*, chart. *Copies*: B-S, NY. – For John Evelyn (1620-1706), *Silva*, or a discourse of forest trees, London 1664, and further eds. see Henrey 1: 245-246.

Mitchell, Sir **Thomas Livingstone** (1792-1855), Scottish-born soldier, explorer and botanist; deputy surveyor general New South Wales 1827, surveyor general 1828. (*T. Mitch.*).

COLLECTION: According to J. D. Hooker (Fl. Tasm. cxx. 1860) the collections made on the four expeditions were divided as follows:
First expedition (1831-1832): John Lindley (now CGE) and Robert Brown (BM).
Second expedition (1835): John Lindley (now CGE). Many of the plants from this expedition were described by Lindley (see below).
Third expedition (1836): plants collected by Richardson, sent to Lindley (now CGE).
Fourth expedition (1847): plants given to Lindley (CGE) and Sir William Jackson Hooker (K).
A set of 485 plants from perhaps several of these expeditions was presented to BM in 1847 by Mitchell. Other material at E, K and W.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 497; BB p. 217; BM 3: 1323; Bossert p. 269; CSP 4: 409; Desmond p. 443 (q.v. for further refs.); DNB 38: 74; Herder p. 54-55; HR (q.v. for many biogr. refs.); IH 2: 544; Kew 4: 16; Lasègue p. 497; PR 6295-6296 (ed. 1: 6978); Rehder 1: 500; TL-1/880; Tucker 1: 491.
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6131. *Three expeditions into the interior of eastern Australia,* with descriptions of the recently explored region of Australia felix, and of the present colony of New South Wales, ... London (T. & W. Boone, ...) 1838, 2 vols. Oct. (*Three exped. Australia*).
1: 1838 (p. iv: 18 Aug 1838), frontisp. (=*pl. 4*), engr. t.p., [i]-xxi, [xxii, adv.], [1, h.t.], [1]-343, maps, app. [345]-351, *pl. 1-21*.
2: 1838, frontisp. (=*pl. 46*), engr. t.p., [i]-viii, [1, h.t.], [1]-405, *pl. 22-50*.
Copies: Kon. Bibl. 's Gravenhage, NY. – Lists of plants and animals collected are given in 1: xvii-xxi. The botanical notes are by John Lindley (reprinted in Ann. Sci. nat. 15: 56-64. Jan 1841).
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1: front., p. [i]-xxiii, [1]-347, map, *pl. 1-20,* plus unnumbered plates and figs.
2: front., p. [i*], [i]-xi, [1]-415, *pl. 22-51*, plus id.
Facsimile ed. (ed. 2): 1965, Adelaide (Libraries Board of Australia. Australiana facsimile editions no. 18. *Copy*: US.

6132. *Journal of an expedition into the interior of tropical Australia,* in search of a route from Sydney to the Gulf of Carpentaria ... London (Longman, Brown, Green, and Longmans, ...) 1848. Oct. (*J. exped. trop. Australia*).
Publ.: 16 Feb-31 Mar 1848 (p. 437: 15 Feb 1848; rd. by Geol. Soc. London before 31 Mar

1848), p. [i]-xv, [1, list], [1]-437, *pl. 1-12, maps 1-7. Copies*: HH, NY, Teyler. – "A systematical list of the principal plants . . . , by G. Bentham, W. J. Hooker, J. Lindley, W. H. de Vriese, p. 431-437.

Mitscherlich, Gustav Alfred (1832-?), German botanist at Berlin University. (*Mitscherl.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 497; BM 3: 1324; Herder p. 400; Kew 4: 17; PR 6297-6298; Rehder 3: 594; Tucker 1: 491.

EPONYMY: *Mitscherlichia* Klotzsch (1854) is dedicated to the brothers Eilhard Alfred Mitscherlich (1794-1863), German chemist, and Karl Gustav Mitscherlich (1805-1875), German pharmacologist. The former is also commemorated by *Mitscherlichia* Kunth (1832). *Mitscherlichia* Lorenz (1904) is dedicated to A. Mitscherlich, whose identity could not be established.

6133. *De Cacao.* Dissertatio inauguralis medico-pharmacologica quam consensu et auctoritate gratiosi medicorum ordinis in alma litterarum Universitate Friderica Guilelma ut summi in medicina et chirurgia honores rite sibi concedantur die xxvi. m. augusti a. mdccclvii h.l.q.s. publice defendet autor Alfredus Mitscherlich berolinensis . . . Berolini [Berlin] (typis expressit Gustavus Schade). [1857] Oct. (*Cacao*).
Publ.: 26 Aug 1857, p. [1]-35, [36, expl. pl.], *1 pl. Copy*: NY.
Ref.: Anon., Bot. Zeit. 17: 404-406, 428. 1859; Flora 43: 208, 651-653. 1860, 44: 496. 1861, Bull. Soc. bot. France 6: 506-510. 1859.

6134. *Der Cacao und die Chocolade* . . . Berlin (Verlag von August Hirschwald . . .) 1859. Oct. (*Cacao Chocolade*).
Publ.: 1859 (so eben Bot. Zeit. 16 Dec 1859; rev. ib. 2 Dec 1859), p. [i]-vi, [1]-129, *pl. 1-3* (*1*, col.; *2-3* uncol.), map. *Copy*: NY.

Mitten, William (1819-1906), British pharmaceutical chemist and bryologist at Hurstpierpont Sussex. (*Mitt.*).

HERBARIUM and TYPES: NY (50.000; acquired for £400. =); for duplicates see IH. Field notes also at NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 497; BB p. 217; BJI 1: 40; BL 2: 270, 692; BM 3: 1324, 7: 851; Bossert p. 269; Clokie p. 213; CSP 4: 416, 8: 412, 10: 823, 17: 280; Desmond p. 444; Frank 3(Anh.): 66; GR p. 377-378, cat. p. 68; Herder p. 231, 258, 261, 265; IH 1(ed. 6): 362, 2: 544-545; Jackson p. 249, 371, 385, 404, 581; Kew 4: 17; Lenley p. 294-295; LS 17962; Morren ed. 10, p. 75; MW p. 325; NAF ser. 2. 3: 39, 9: 124; PR 6299; Rehder 1: 401; SBC p. 127 ("Mitt."); TL-2/1: 2056, 2628, see Crueger, H.; Urban-Berl. p. 308.

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(2) Godman, F. du C., *Nat. hist. Azores,* Bryophyta, p. 288-328, see TL-2/2056.
(3) Seemann, B., *Fl. vit., Jungermanniae* and *Marchantiae,* 378-419, *pl. 97-98.* 1871.
(4) Nares, G. S., *Narrative of a Voyage to the Polar Sea* during 1875-1876, ed. 2, vol. 2, app. no. 14. 1878, p. 313-319. (Mosses and Jungermanniaceae of the arctic regions).
(5) Hooker, J. D., *Fl. nov. zeland., Hepaticae* 2: 125-160. 11 Jul 1854, 161-172, *pl. 94-104.* 9 Feb 1855, *Fl. Tasm., Hepaticae* 2: 221-240, *pl. 178-180.* 15 Feb 1859, 241-244. 16 Aug 1859.
(6) Hooker, J. D., *Handb. New Zealand Fl., Hepaticae* 497-549. 1867.

EPONYMY: *Mittenia* Lindberg (1863); *Mittenia* Gottsche (1864); *Mittenothamnium* Hennings (1902, *nom. cons.*); *Mitthyridium* H. E. Robinson (1975).

6135. *Musci Indiae orientalis*; enumeration of the mosses of the East Indies ... London (Longman, Brown, Green, Longmans & Roberts and Williams and Norgate) 1859. Oct. (*Musc. Ind. orient.*).
Publ.: 21 Feb 1859, as J. Proc. Linn. Soc., Bot. Suppl. 1: [i-iii], 1-171, [1, notice]. Feb 1859.
Copies: H, MO, MO-Steere; IDC 999; for *Hepat. Ind. orient.* see J. Proc. Linn. Soc., Bot. 5: 89-128. 1861.

6136. *Descriptions of some new species of musci from New Zealand,* &c. by William Mitten, Esq. A. L. S. [from the Journal of the Proc. of the Linnean Society for September 1859]. Oct.
Publ.: 1860 p. [1]-38. *Copy*: H. – Reprinted and to be cited from J. Proc. Linn. Soc., Bot. 4: 64-100. 1860.

6137. *Musci austro-americani.* Enumeratio muscorum omnium austro-americanorum auctori hucusque cognitorum ... [London (Williams and Norgate) 1869]. Oct. (*Musc. austr.-amer.*).
Publ.: Jun 1869, p. [i-iii], [1]-659. *Copies*: FI, H, MO, MO-Steere; IDC 439. – Also published as J. Linn. Soc., London, 12: 1-659. 1869.

6138. *Musci,* in Transit of Venus Expeditions. Enumeration of plants hitherto collected in Kerguelen Island, ... Phil. Trans. 168 (extra vol.): 24-45. 1879. Qu.
Publ.: as reprint: 1879, p. 1-22. *Copies*: U(2). – To be cited from journal.

6139. *Australian mosses,* enumerated by William Mitten, Esq. [Melbourne (Mason, Firth & M'Cutcheon, printers) 1882]. Oct. (*Austral. moss.*).
Publ.: 1882 (Nat. Nov. Dec(1) 1882; Bot. Zeit. 24 Nov 1882), p. [1]-48. *Copies*: H, NY. – Preprinted from Trans. Proc. R. Soc. Victoria 9: 49-96. 1883.
Ref.: N.L., Bot. Zeit. 40: 824. 24 Nov 1882.

Mix, Arthur Jackson (1888-1956), American mycologist, Ph. D. Cornell 1916; LL. D. h. c. Hamilton College 1953; at the University of Kansas from 1916; authority on *Taphrina.* (*Mix*).

HERBARIUM and TYPES: KSC (on indefinite loan from KANU, inf. C. Cramer); further material at CUP.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 497; Bossert p. 270; Hirsch p. 201; IH 2: 545; LS suppl. 18544-18549; NW suppl. p. 230; Stevenson p. 1251.
Hesler, L. R., Biogr. sketch. N. Amer. mycol. 1975 (mss.).
McClung, N. M., Mycologia 50: 315-325. 1958 (biogr.; incl. his autobiogr. address "My life with Taphrina"; b. 30 Sep 1888, d. 8 Sep 1956).
Rogers, D. P., Brief hist. mycol. N. Amer. 46. 1977.

NOTE: Mix' main publication *A monograph of the genus Taphrina*, Univ. Kansas Sci. Bull. 33(1): 1-167. 20 Apr 1949 (*Copy*: NY) was reprinted as Bibliotheca mycologica, vol. 18, 1969 (J. Cramer, Lehre; ISBN 3-7682-0583-5) (*Copies*: B, BR, FAS). It was preceded by: *The genus Taphrina* I. An annotated bibliography, Univ. Kansas Sci. Bull. 24(9): 113-149. 15 Jul 1936, II. A list of valid species, ib. 24(10): 151-176. 15 Jul 1936.

EPONYMY: *Mixia* C. L. Kramer (1959).

Miyabe, Kingo (1860-1951), Japanese botanist; D. Sc. Harvard 1889; at Hokkaido University, Sapporo and Tokyo, director of the Botanic garden of the Faculty of Agriculture 1884-1927. (*Miyabe*).

HERBARIUM and TYPES: Material at A, B, K, LE, MO, PC, TI.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 107; Ainsworth p. 184; Barnhart 2: 498; BJI 1: 40, 2: 118; BM 3: 1324, 7: 851; Bossert p. 270; CSP 17: 281; Kelly p. 255; Hirsch p. 201; Hortus 3: 1200 ("Miyabe"); IF suppl. 3: 215; IH 2: 545; Kew 4: 17-18; Lenley p. 295; LS 17964-17966, 37016, suppl. 18550-18551; MW p. 325-326, suppl. p. 231; NI 1393; Rehder 5: 579; Stevenson p. 1251; TL-2/see Y. Kudô; Tucker 1: 491.
Anon., Bot. Centralbl. 101: 80. 1906 (app. prof. bot. Doshisha College, Kyoto); Hedwigia 45 (Beibl. 3): (128). 1906 (id.).
Hesler, L. R., Biogr. sketches N. Amer. mycol. 1975, mss.
Jackson, B. D., Bull. misc. Inf. Kew 1901; 46 (coll. K).
Lloyd, C. G., Mycol. notes 67: 1137. Jul 1922 (portr.).
Miyabé, K., Mem. Boston Soc. nat. Hist 4(7): 203-275, *pl. 22*. Feb 1890 (thesis: The flora of the Karile Islands).
Miyaké, K., Science ser. 2. 13: 739. 1901.
Sutton, S. B., Charles Sprague Sargent 203-204, 259. 1970.

FESTSCHRIFT: Miyabe-Festschrift, or a collection of botanical papers presented to Prof. Dr. Kingo Miyabe on the occasion of the twenty-fifth anniversary of his academic service ... Tokyo, Rokumeikwan 1911, i, 67, ii, 387 p., *30 pl.* (IDC 7446).

EPONYMY: *Miyabea* Brotherus (1905); *Miyabella* Ito & Homma (1926).

6140. *Icones of the essential forest trees of Hokkaido* ... published by the Hokkaido Government 1920-1931, 3 vols. Fol. (*Icon. forest trees Hokkaido*).
Co-author: Yûshun Kudô (1887-1932); *artist*; Chusuke Suzaki.
Publ.: In 28 fascicles. *Copies*: MO, NY, U, USDA.

vol.	fasc.	pages	plates	dates
1	1	[1]-15	*1-4*	20 Mar 1920
	2	[15]-26	*5-7*	15 Sep 1920
	3	[27]-37	*8-10*	20 Jan 1921
	4	[39]-47	*11-13*	15 Mai 1921
	5	49-56	*14-16*	13 Sep 1921
	6	57-64	*17-19*	23 Sep 1921
	7	65-73	*20-22*	15 Mai 1922
	8	[75]-85	*23-25*	25 Aug 1922

vol.	fasc.	pages	plates	dates
	9	[87]-97	*26-28*	8 Feb 1923
	10	[i-xii], 99-124	*29-31*	10 Jun 1923
2	11	[1]-6	*32-34*	8 Jul 1925
	12	[7]-14	*35-37*	23 Dec 1925
	13	[15]-21	*38-40*	30 Jun 1926
	14	23-26	*41-43*	5 Oct 1926
	15	27-32	*44-46*	10 Feb 1927
	16	33-38	*47-49*	10 Mai 1927
	17	39-44	*50-52*	10 Aug 1927
	18	45-52	*53-55*	30 Nov 1927
	19	53-58	*56-58*	15 Mai 1928
	20	[i-iii], 59-64	*59-61*	10 Sep 1928
3	21	1-8	*62-64*	10 Sep 1929
	22	9-14	*65-67*	12 Dec 1929
	23	15-20	*68-70*	20 Jun 1930
	24	21-26	*71-73*	10 Aug 1930
	25	27-32	*74-76*	23 Sep 1930
	26	33-38	*77-79*	15 Dec 1920
	27	39-44	*80-82*	5 Feb 1931
	28	45-75	*83-86*	25 Mar 1931

The issuance of the plates of vol. 2 was irregular, see Bot. Gaz. 87: 320. 1929.
Reissue of vol. 1: 1932, three-colour printing impression.

6141. *Flora of Hokkaido and Saghalien* ... vol. 1 ... Sapporo (Journal of the Faculty of Agricuture. Hokkaido Imperial University, ...) 1930-1934, 4 parts. Oct. (*Fl. Hokkaido*).
Co-author: Yushun Kudô (1887-1932).
Publ.: In J. Fac. Agric. Hokkaido Univ., Sapporo, as follows:
1: in 26(1): [i]-iii, [1]-79, *pl. 1-3*. 30 Mar 1930.
2: in 26(2): 81-277, *pl. 4*. 15 Jul 1931.
3: in 26(3): 279-387, *pl. 5*. 15 Mar 1932.
4: in 26(4): 398-528. 20 Apr 1934.
[5]. separately: 1944, p. [i*-ii*], [i]-ii, 529-645. Bamboos by T. Nakai. – *Copies*: MO, NY, US.
Preliminary publ.: Materials for a flora of Hokkaido i-ix, 1913-1924, Trans. Sapporo nat. Hist. Soc. 4: 97-104. 1913, 5: 37-44. 1913, 5: 64-80. 1914, 5: 145-152. 1915, 6: 1-9. 1915, 6: 119-127. 1916, 6: 165-185. 1917, 7: 23-35. 1918, 7: 128-135. 1919, 8: 1-8. 1921, 9: 61-69. 1924.
Ref.: MW p. 326.

Miyoshi, Manabu (1861-1939), Japanese botanist; studied with Pfeffer 1891-1895; Dr. Sc. Tokyo 1895; professor of botany at Tokyo University from 1895; director of the Botanic gardens of Tokyo Univ. 1922-1924. (*Miyoshi*).

HERBARIUM and TYPES: B, TI, W.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 375; Barnhart 2: 499; BJI 2: 118; BM 3: 1324-1325, 7: 852; Bossert p. 270; CSP 17: 282; GR p. 588, cat. p. 68; Hawksworth p. 184; Hirsch p. 201; Hortus 3: 1200 ("Miyoshi"); IH 2: 545; Kew 4: 18-19; Lenley p. 295; LS 17970-17984, 37022; MW p. 327-329, suppl. p. 232; NI 1394; SBC p. 127 ("Miyoshi"); Tucker 1: 492; Urban-Berl. p. 279, 289.
Anon., Bot. Jahrb. 21. Beibl. 53: 61. 1896; Die Schüler Pfeffers, Jahrb. wiss. Bot. 56: 820. 1915; Hedwigia 34 (Beibl. 5): 165. 1895 (app. Tokyo), 47 (Beibl. 2): (101). 1908 (to East Indies), 66 (Beibl. 2): (119). 1926 (retirement); J. Japan. bot. 2(2): front. portr. 1918.
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Kneucker, A., Allg. bot. Z. 1: 184. 1895 (app. Tokyo Univ.).
Miyoshi, M., Bot. Mag. Tokyo 50: 40-48. 1936 (autobiogr., portr.).
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COMPOSITE WORKS: See under J. Matsumura for *Cryptogamae japonicae iconibus illustratae*. – See also MW p. 327-329.

EPONYMY: *Miyoshia* Makino (1903); *Miyoshia* Kawamura (1907); *Miyoshiella* Kawamura (1929).

6142. *Atlas of Japanese vegetation.* Phototype reproduction of photographs of wild and cultivated plants as well as the plant-landscapes of Japan. With explanatory text . . . Tokyo (The Maruzen Kabushiki Kaisha . . .) 1905-1909, 14 sets. (*Atlas Jap. veg.*).

Set	pages	plates	dated	earliest Europ. reference
1	1-6, 1-7	*1-8*	1905	24 Jul 1905
2	1-7, 1-8	*9-15*	1905	21 Nov 1905
3	1-8, 1-11	*16-24*	1905	16 Jan 1906
4	1-6, 1-6	*25-31*	1906	7 Aug 1906
5	1-7, 1-9	*32-40*	1906	9 Oct 1906
6	1-4, 1-5	*41-46*	1906	9 Oct 1906
7	1-6, 1-7	*47-53*	1907	1 Oct 1907
8	1-8, 1-10	*54-62*	1907	14 Jan 1908
9	1-5, 1-7	*63-68*	1908	early Jan 1909
10	1-4, 1-6	*69-74*	1908	early Jan 1909
11	1-8, 1-9	*75-79*	1908	early Jan 1909
12	1-5, 1-6	*80-85*	1908	16 Mar 1909
13	1-6, 1-7	*86-92*	1909	early Apr 1910
14	1-7, 1-8	*93-101*	1909	early Apr 1910

Copy: FI (1-12).

Moçiño José Mariano [Moziño Suarez de Figueroa] (1757-1820), Mexican botanist, with Sessé on the Botanical Expedition to Nueva España 1795-1804. (*Moc.*).

HERBARIUM and TYPES: MA; other material at BM, FI, G, K, OXF. – Documents relative to the Botanical Expedition and the Royal Botanical Garden in Mexico are in the Archivo general de la Nacion, Mexico, and at MA. See Langman p. 513.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 499; Blunt p. 168, 170; BM 3: 1325-1326, 7: 853; Clokie p. 213; CSP 4: 419, 7: 284; DSB 9: 432-434; Hortus 3: 1200 ("Moç."); IH 1 (ed. 6): 362, 2: 545; Jackson p. 367; Kew 4: 20; Langman p. 513; Lasègue p. 205-206, 304, 322, 348, 504; NAF 28B(2): 346; PR (alph.); Rehder 5: 579; TL-1/1224-1225; TL-2/1: 977; Tucker 1: 492: Zander ed. 10 p. 690, ed. 11, p. 790.

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Candolle, A. P. de, Mém. Souvenirs 219-221, 288-291. 1862 (story copying paintings).
Coats, A. M., Plant hunters 335-337, 340, 341. 1969.
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Jackson, B. D., Bull. misc. Inf. Kew 1901: 46 (coll. K).
Knobloch, I. W., The plant collectors of Northern Mexico 44. 1979 (b. 24 Sep 1757, buried 19 Mai 1820).
Léon, N., Bibl. bot.-mex. 189-191. 1895.
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Moçiño, J. M., Collecion de documentos para la historia natural de Mexico, La Naturale-

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Steele, A. R., Flowers for the king 264, 295n, 325n. 1964.
Steinberg, C. H., Webbia 32(1): 32. 1977 (material at FI).
Urban, I., Symb. ant. 3: 87-88. 1902, 5: 11. 1908 (bibl.).

COMPOSITE WORKS: (1) see Candolle, A. P. de, *Calques fl. Mexique*. 1874, TL-2/2, no. 977; for further information see Colmeiro (1858), and McVaugh in DSB 9: 432-434. 1974. (2) *Plantae novae* ("nouae") *hispaniae* by M. Sessé and J. M. Moçiño, Mexico 1887, ed. 2, 1893, see under Sessé. (3) *Flora mexicana* a Martino Sessé et Josepho Marianno Moçiño exarata, Mexico 1887, ed. 2, 1894, see under Sessé.

HANDWRITING: Candollea 32: 175-176. 1977.

EPONYMY: *Mocinna* Cervantes ex La Llave (1832); *Mozinna* Ortega (1798; *Mocinna* Lagasca (1816) probably also commemorates Moçiño.

Moe, Asche (1867-1937), Norwegian botanist at Stavanger. (*A. Moe*).

HERBARIUM and TYPES: Some material at BG (inf. P. M. Jørgensen). Moe is not known to have made sizeable collections but sent material to Holmboe at Bergen for identification.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 454, 692.

6143. *Dates of flowering for native and garden plants at Stavanger* 1897-1926 . . . Oslo (Kommisjon hos Jacob Dybwad) 1928. Oct. (*Dates fl. Stavanger*).
Publ.: shortly after 28 Sep 1928 (p. [50]: printed 29 Sep 1928), p. [1]-49, [50]. *Copy*: USDA. – Skifter utgitt av det Norske Videnskaps-Akademi i Oslo I. Mathem.-Naturvid. Klasse. 1928. no. 3.

Moe, Nils Green (1812-1892), Norwegian botanist; gardener at the University of Kristiania (Oslo). (*N. Moe*).

HERBARIUM and TYPES: C, H, O, UPS.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 250; Barnhart 2: 499; BM 3: 1327; CSP 8: 415; GR p. 718, *pl.* [*36*]; IH 2: 546; Jackson p. 511; Kew 4: 21; Kleppa p. 8, 328; KR p. 503; Morren ed. 10, p. 108; PR 6303-6304.
Anon., Bot. Not. 1892: 223; Nat. Nov. 14: 374. 1892 (d.; opponent of Darwin's ideas).
Holmboe, J., Norsk biogr. leks. 9: 276-278. 1940 (Kleppa).
Natvig, L. R., Norsk entom. Tidsskr. 7(2): 15-16. 1944 (biogr., portr.).
Schöyen, W. M., Entom. Tidskr. 13: 275-279. 1892 (obit.,) portr., b. 26 Jan 1802, d. 16 Sep 1892).
Wittrock, V. B., Acta Horti Berg. 3(2): 170. 1903, 3(3): 184, *pl. 115*. 1905 (portr.).

6144. *De norske Fodervaexter*, med et Anhang, om Froblandinger, Skovtraeer, levende Hegn, Maerkeplanter, Ugraesplanter, Giftplanter m.v. af N. Moe. Christiana [Oslo] (Trykt og forlagt af Chr. A. Wulfsberg) 1852. Oct. (*Norske Fodervaext.*).
Publ.: 1852, 181 p. (no pagination). – *Copy*: BG. – P. M. Jørgensen informs us that the author offered "complete herbaria of the plants mentioned in this book" for sale at the end of the book. We have not seen any such series.

6145. *Veiledning till Dyrkning af glaciale, alpinske og arctiske Planter* saaledes som disse behandles i det Kgl. Norske Universitets botaniska Have paa Töien ved Christiania, . . . Christiania [Oslo] (Trykt hos Brøgger & Christie) 1862. Oct. (*Veiledn. Dyrkn. glac. Pl.*).

Publ.: Dec 1862 (p. 15: 15 Dec 1862; Flora rd. Jan-Feb 1864), p. [1]-15, [1]-8. *Copy*: NY.

Moebius, Martin August Johannes (1859-1946), German botanist; Dr. phil. Heidelberg 1883, habil. 1887; at Heidelberg 1887-1893, from 1893-1933 librarian and botanist at the Forschungsinstitut Senckenberg, and director of the Senckenberg botanical garden (1893-1928), Frankfurt a.M.; professor of botany at Frankfurt 1914-1925; from 1939 at Homburg v.d. Höhe. (*Moebius*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 500; BFM 2521, 2706; BJI 1: 40, 2: 118; BM 3: 1327, 7: 853-854; Bossert p. 270; CSP 17: 288; De Toni 1: lxxxv, 2: lxxx, 4: xxxix-xl; GR p. 112; Herder p. 319; Hirsch p. 202; Kew 4: 21; Langman p. 513-514; LS 17989-17991, 37025-37027, suppl. 18564-18569; Moebius p. 3, 65, 301, 308, 341, 434; Nordstedt p. 23, suppl. p. 11; Plesch p. 339; PH 567; Rehder 5: 579; Saccardo 1: 111; TL-2/1: 202; Tucker 1: 492.

Anon., Bot. Centralbl. 22: 186. 1885 (assistant Karlsruhe), 33: 32. 1888 (habil. Heidelberg), 49: 64. 1892 (so far "Privatdocent", now extraord. prof. bot. Heidelberg), 54: xxiv, 352. 1893 (app. second librarian Senckenberg and dir. of its garden); Bot. Jahrb. 15, Beibl. 33: 10. 1892, 17, Beibl. 41: 52. 1893; Österr. bot. Z. 35: 226. 1885 (app. assistant Karlsruhe), 42: 111. 1892 (app. extraord. prof. bot. Heidelberg), 43: 268. 1893 (app. Frankfurt).

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Mägdefrau, K., Gesch. Bot. 2. 1973.

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Urban, I., Symb. ant. 1: 108. 1898.

Wittrock, V. B., Acta Horti Berg. 3(2): 136, *pl. 30.* 1903 (portr., b. 7 Dec 1859).

6146. *Untersuchungen über die Morphologie und Anatomie der Monokotylen-ähnlichen Eryngien.* Inaugural-Dissertation zur Erlangung der Doctorwürde der hohen philosophischen Facultät der Ruprecht-Carolinischen Universität zu Heidelberg ... Berlin (Druck von G. Bernstein ...) Juli 1883. Oct. (*Unters. Morph. Anat. Eryng.*).

Publ.: Jul 1883, p. [1]-51, *3 pl. Copy*: FI. – Reprinted from Jahrb. wiss. Bot. 14(3): 379-425. 1883, continued in 17 (4): 591-621. Dec 1886.

6147. *Kryptogamen* Algen, Pilze, Flechten, Moose und Farnpflanzen ... Leipzig (Verlag von Quelle & Meyer) 1908. Oct. (*Kryptogamen*).

Publ.: Jun-Jul 1908 (Nat. Nov. Jul(2) 1908; Bot. Centralbl. 25 Aug 1908; Bot. Zeit. 1 Sep 1908), p. [i]-iv, [1]-164. *Copies*: BR, U-V. – Wissenschaft und Bildung no. 47.

6148. *Mikroskopisches Praktikum für systematische Botanik* ... Berlin (Verlag von Gebrüder Borntraeger ...) 1912-1915, 2 vols. Oct. (*Mikr. Prakt. syst. Bot.*).

1: Mai 1912 (Nat. Nov.), p. [i]-viii, [1]-216. – Angiospermae.

2: Nov 1915 (Nat. Nov.), p. [i]-viii, [1]-314. – Kryptog., Gymnosp.

Copy: FI.

6149. *Geschichte der Botanik* von der ersten Anfängen bis zur Gegenwart ... Jena (Verlag von Gustav Fischer) 1937. Oct. (*Gesch. Bot.*).

Ed. 1: Aug-Sep 1937 (p. iv: Jul 1937; Nat. Nov. Sep-Oct 1937), p. [i]-vi, [1]-458. *Copies*: FI, USDA.

Ed. 2: unchanged, Stuttgart (id.) 1968, p. [i]-viii, [1]-458. *Copy*: FAS.

Ref.: Weiss, F. E., J. Bot. 76: 57-58. Feb 1938.

Eckardt, Th., Bot. Jahrb. 90: *9-24.* 1970.

Möhring, Paul Heinrich Gerhard (1710-1792), East Frisian (German) botanist, orni-

thologist and physician; Dr. med. Wittemberg, practicing physician at Jever (Oldenburg). (*Möhring*).

HERBARIUM and TYPES: Unknown. Offered for sale in Bot. Zeit. 1: 175. 1843 (sic).

BIBLIOGRAPHY and BIOGRAPHY: AG 5(1): 449; Barnhart 2: 500; BM 3: 1328; De Toni 1; lxxxv; Dryander 3: 77, 234, 250, 252, 255, 262, 298, 302, 307, 309, 312, 334, 345, 360, 384; Hegi 3: 410, 7: 559; Herder p. 159; Jackson p. 430; PR 6308 (ed. 1: 6995); Rehder 1: 43.
Anon., Bonplandia 8: 202. 1860 (G. H. B. Jürgens 1771-1846 was grandson of M.).
Fries, Th. M., Bref Skrifv. Linné 1(4): 249. 1910.
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Jourdan, Dict. Sci. méd., Biogr. méd. 6: 279-280. 1824 (b. 21 Jul 1710, d. 28 Oct 1792).

EPONYMY: *Moehringella* (Franchet) Neumayer (1923); *Moehringia* Linnaeus (1753).

6150. *Primae linea horti privati* in proprium et amicorum usum per triennium exstructi, p.p. a Paulo Henrico Gerardo Moehring, Jevera frisone, ... Oldenburgi [Oldenburg] (Typis I. C. Götjen, Reg. Dan. priv. Typogr.) 1737. Oct. (*Prim. lin. hort. priv.*).
Publ.: 1737, p. [1]-111, [112, err.]. *Copies*: MO, USDA.

Möller, Friedrich Alfred Gustav Jobst ("Alfred") (1860-1922), German (Prussian) forester and mycologist; pupil of O. Brefeld; Dr. phil. Eberswalde 1887; visited Brazil as diplomatic courier and "naturalista viajante do museu nacional" (Blumenau, Santa Catarina 1890-1893); later teacher (1899) and director (1906) of the forestry college at Eberswalde (Brandenburg). (*A. Möller*).

HERBARIUM and TYPES: B (main collections; alcohol material extant), HBG (p.p. orig. types; now main set), IAC and W. See Friederichsen (1977) for a list of specimens still extant at HBG.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 500; BJI 1: 40; BM 3: 1328, 7: 854; CSP 17: 291; GR p. 112-113; Hawksworth p. 184; IH 2: 549; Kelly p. 150, 255; Kew 4: 21; LS 17993-18017, 37028-37033; suppl. 18571-18574; Moebius p. 106, 111, 113, 114, 367, 399; Rehder 5: 580; Stevenson p. 1251; Tucker 1: 492; Urban-Berl. p. 279, 376.
Anon., Bot. Centralbl. 43: 247. 1890 (so far in Berlin, now to Blumenau to cultivate fungi in accordance with Brefeld's method), 66: 206. 1896 (as Oberförster from Idstein to Eberswalde), 78: 288. 1899 (head mycol. dept. Eberswalde), 49: 352. 1892 (grant Blumenau), 56: 287. 1893 (returned to Berlin from Blumenau, Brazil); Bot. Jahrb. 15, Beibl. 35: 16. 1892, 27, Beibl. 64: 20. 1900; Bot. Not. 1923: 383; Nature 110: 781. 1922 (d. 4 Nov 1922); Nat. Nov. 18: 288. 1896 (habil. Eberswalde), 21: 326. 1899 (app. Eberswalde), 28: 464. 1906 (director ib.); Verh. bot. Ver. Brandenb. 64: 244. 1922 (d. 4 Nov 1922).
Falck, R., Mykol. Unters. Ber. 2: 1-10. 1923; Botanisches Archiv 6: 1-7. 1924, also in Hausschwamm-Forschungen 9: 1-11. 1927 (portr., n.v.); see Entom. News 38: 262. 1927.
Friederichsen, I., Mitt. Inst. Allg. Bot. Hamburg 15: 99-104. 1977 (on the fate of M's fungi; list of specimens still at HBG).
Fünfstück, L. M., *in Engler and Prantl*, Nat. Pflanzenfam. 8: 18, 48-50. 1926.
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Kneucker, A., Allg. bot. Z. 2: 108. 1896 (from Idstein to Eberswalde as Oberförster), 5: 104. 1899 (now prof. bot. as head of the mycological department of the "Hauptstation des forstlichen Versuchswesens"), 12: 188. 1906 (app. director of this forestry college), 13: 20. 1907 ("Oberforstmeister"), 28: 56(112). 1925 (d.).
Möller, A., Fritz Müller, Werke, Briefe und Leben, 5 vols. Jena 1915-1921 (on his uncle Johan Friedrich Theodor Müller, 1822-1892, who introduced him to Brazil), see also Nat. Nov. 20: 339. 1898 (request support).
Wolff, M., Z. angew. Entomol. 9: 430-434. 1923; Z. Forst-Jagdwesen 55: 24. 1923.
Urban, I., Fl. bras. 1(1): 64-65. 1906 (b. 12 Aug 1860 Berlin; professorship Eberswalde started 1900; head of mycol. dept. from [1 Jul] 1899).
Voigt, A., Die botanischen Institute der Freien und Hansestadt Hamburg. Hamburg 1897, 1901.

COMPOSITE WORKS: *Hausschwammforschungen* in amtlichen Auftrage herausgegeben von Professor Dr. A. Möller, Hefte 1-7, 1907-1913, Jena (G. Fischer).

EPONYMY: *Moelleria* Bresadola (1896); *Moelleriella* Bresadola (1897); *Moelleroclavus* Hennings (1902); *Moellerodiscus* Hennings (1902). *Moellerina* Ulrich (1886) is dedicated to Valerian Ivanovič von Möller (1840-1910), Russian paleontologist.

NOTE: A. Möller was a member of the original commission for the *Kryptogamenflora der Mark Brandenburg* set up by the Bot. Ver. Prov. Brandenburg in 1896.

6151. *Die Pilzgärten einiger südamerikanischer Ameisen* . . . Mit 7 Tafeln und 4 Holzschnitten im Text. Jena (Verlag von Gustav Fischer) 1893. Oct. (*Pilzgart. südamer. Ameis.*).
Publ.: Jan-Mar 1893 (p. vi: Sep 1892; Nat. Nov. Mai(1) 1893; Bot. Zeit. 16 Mai 1893; Hedwigia rev. Mar-Apr 1893), p. [ii]-vi, [1, cont.], [1]-127, *fig. 1-4, pl. 1-4, 4a, 5-7. Copies*: MO, NY, Stevenson, USDA. – Bot. Mitt. Tropen (ed. A. F. W. Schimper) Heft 6, 1893.
Ref.: Jost, Bot. Zeit. 51(2): 250-252. 16 Aug 1853.
Lindau, G., Bot. Jahrb. 17(Lit.): 39-40. 29 Sep 1893.
Anon., Hedwigia 32: 87-88. 1893.

6152. *Brasilische Pilzblumen* . . . Mit 8 Tafeln. Jena (Verlag von Gustav Fischer) 1895. Oct. (*Bras. Pilzbl.*).
Publ.: 1 Jan-15 Feb 1895 (p. vii: Jan 1895; Hedwigia rev. 15 Feb 1895; Nat. Nov. Feb(2) 1895; ÖbZ Feb 1895; Bot. Zeit. 1 Apr 1895), p. [ii]-vii, [viii], [1]-152, *pl. 1-8. Copies*: MO, NY(2), Stevenson, USDA. – Bot. Mitt. Tropen (ed. F. A. W. Schimper) 7, 1895.
Ref.: Goebel, K. von, Flora 80: 454, 456. 11 Mai 1895.
Lindau, G., Bot. Jahrb. 20 (Lit.): 29-30. 28 Jun 1895; Bot. Centralbl. 62: 173-177. 1895.
Anon., Hedwigia 34(Rep.): 17-19. 1895.

6153. *Protobasidiomyceten.* Untersuchungen aus Brasilien . . . Mit 6 Tafeln. Jena (Verlag von Gustav Fischer) 1895. Oct.
Publ.: Jul-Aug 1895 (p. xi; Jul 1895; Bot. Zeit. 16 Sep 1893; Bot. Centralbl. 25 Sep 1895; Flora rev. 31 Oct 1895; Hedwigia id. 19 Oct 1895; Nat. Nov. Aug (2) 1895), p. [ii]-xiv, [1]-179, *pl. 1-6. Copies*; MO, NY(2), Stevenson, – Bot. Mitt. Tropen (ed. A. F. W. Schimper) Heft 8, 1895.
Ref.: Raciborski, Flora 81: 439 ("339")-440. 1895.

6154. *32 Original-Photographien süd-brasilischer Phalloideen* aufgenommen zu Blumenau (Sa. Catharina) Brasilien in den Jahren 1890-1893. [s.l.] 1895. (*Photogr. Phalloid.*).
Publ.: 1895; 32 unbound cards (*1-32*), with brief descr. *Copy*: Stevenson. – Additional to the *Bras. Pilzbl.* (1895).

6155. *Phycomyceten und Ascomyceten.* Untersuchungen aus Brasilien . . . Mit 11 Tafeln und 2 Textabbildungen. Jena (Verlag von Gustav Fischer) 1901. Oct. (*Phycomyc. & Ascomyc.*).
Publ.: Jan-Apr 1901 (p. x: Dec 1900; Nat. Nov. Mai(2) 1901; TBC 26 Oct 1901), p. [ii]-xii, [1]-319, *pl. 1-11. Copies*: FI, MO, NY(2), Stevenson, USDA. – Bot. Mitt. Tropen (ed. A. F. W. Schimper) Heft 9, 1901.
Ref.: Lindau, G., Bot. Jahrb. 30(Lit.): 39-40. 2 Jul 1901, Bot. Centralbl. 87: 133-139. 17 Jul 1901 (rev.) – See also Hedwigia 40 (Beibl. 3): (74)-(78). 1901.

Møller, Birgitte Christina (1857-1934), Danish botanist. (*B. Møller*).

HERBARIUM and TYPES: C.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 500; BL 2; 48, 692; IH 2: 549.

6156. *Traeer og buske i Danmarks Skove* en botanisk, forstlig og kulturhistorisk skildring af de i vore Skove voksende traeer og buske . . . København (H. Hagerups Forlag) [1916]. Oct. (*Traeer buske Danm. Skove*).
Publ.: Oct-Dec 1916 (p. [6]: Oct 1916; Nat. Nov. Mar 1917), p. [1]-315. *Copy*: USDA.

Möller, Hjalmar August (1866-1941), Swedish botanist; lecturer at a teachers college at Kalmar; from 1917 at the Riksmuseum, Stockholm. (*H. Möller*).

HERBARIUM and TYPES: S; important set of bryophytes at GB; further material e.g. at E, H, and LD. – 64 letters by Möller to V. F. Brotherus are at H-UB.

BIBLIOGRAPHY and BIOGRAPHY: : Barnhart 2: 500; BM 3: 1335, 7: 857; Bossert p. 271; CSP 17: 292; IH 2: 550; Kew 4: 22; KR p. 517-518; Langman p. 514; Lenley p. 296; MW p. 329; SBC p. 127 ("Möll."); SK 1: 365, 605, 5: cccv; SO 54, 1775; Zander ed. 10, p. 693, ed. 11, p. 791.

Anon., Bot. Not. 1883: 46, 1896: 252, 1912: 113, 1933: 50, 51, 53*, 57, 58, 60, 64, 76, 83; J. Bot. 80: 40. 1942.
Arnell, H. W., Rev. bryol. 53: 5-8. 1926 (on *Lövmoss. utbredn.*).
Fries, R. E., Short hist. bot. Sweden 52. 1950.
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 111. 1970 (bryoph. E).
Persson, H., Sv. bot. Tidskr. 35(4): 371-375. 1941 (obit., portr., b. 26 Sep 1866, d. 19 Mar 1941).
Sayre, G., Bryologist 80: 514. 1977.
Wittrock, V. B., Acta Horti Berg. 3(3): 46, *pl. 114*. 1905 (portr.).

6157. *Bidrag till Bornholms fossila flora. Pteridofyter* Akademisk Afhandling, som med vederbörligt tillstånd för erhållande af filosofisk doktorsgrad vid Lunds Universitet till offentlig granskning framställes lördagen den 6 December 1902 kl. 10 f.m.å botaniska lärosalen ... Lund (E. Malmströms Boktryckeri) 1902. Qu. (*Bidr. Bornh. foss. fl., Pterid.*).
Thesis issue: 18 Nov-1 Dec 1902 (thesis available circa 3 weeks before "promotion", inf. O. Almborn; printed 18 Nov 1902, fide p. 63), p. [i], [1]-63, [64-68], *pl. 1-6. Copies*: BR, LD, M.
Regular issue: 18 Nov-1 Dec 1902 (Ostenfeld received his copy at Copenhagen on 3 Dec 1902), p. [i], [1]-63, [64-68], *pl. 1-6. Copies*: C, LC, MICH, NY. – Issued as Lunds Universitäts Årsskrift 38, afd. 2, no. 5, 1902.

6158. Bidrag till *Bornholms fossila flora* (Rhät och Lias) *Gymnospermer* ... Stockholm (Kungl. Boktryckeriet. P.A. Norstedt & Söner) 1903. Qu. (*Bidr. Bornh. foss. fl., Gymnosp.*).
Publ.: shortly after 9 Feb 1903 (submitted 11 Dec 1902; p. 56: printed 9 Feb 1903), p. [1]-56, *pl. 1-7. Copies*: BR, NY, US. – K. Sv. Vet.-Akad. Handl. 36(6).

6159. *Förteckning öfver Skandinaviens växter* utgifven af Lunds Botaniska Förening 2. *Mossor* ... Lund (C. W. K. Gleerup) 1907. Oct. (*Förteckn Skand. växt., Moss.*).
Publ.: 1907, p. [1]-64. *Copies*: FAS, H, LD, MO-Steere. – Copies still available (summer 1980) from LD.

6159a. *Löfmossornas utbredning* i Sverige ... Uppsala & Stockholm (Almqvist & Wiksells Boktryckeri-A.-B.) 1911-1936, 13 parts. Oct. (*Löfmoss. utbr.*).
Publ.: A series of publications in the Arkiv för Botanik. *Copies*: H, NY, US. – It is likely that the separate numbers were distributed before the official date of distribution of the complete volumes.

No.	Arkiv	pages	*plates*	Nat. Nov.	date printed	vol. publ.
1	10(12)	[1]-79		Sep 1911	11 Jul 1911	4 Oct 1911
2	12(4)	[1]-86			24 Jul 1912	3 Dec 1912
3	12(13)	[1]-80		Aug 1913	3 Jun 1913	11 Aug 1913
4	15(2)	[1]-108		Jul 1920	17 Jul 1917	7 Oct 1918
5	16(3)	[1]-84		Mai 1921	31 Dec 1919	14 Feb 1921
6	17(4)	[1]-125	*1-3*		30 Aug 1921	15 Mai 1922
7	17(14)	[1]-91	*1-9*	Feb 1923	17 Feb 1922	15 Mai 1922
8	18(9)	[1]-76		Jun 1923	3 Jan 1923	13 Mar 1923
9	19(11)	[1]-147		Sep 1925	25 Feb 1925	27 Mai 1925
10	21A(1)	[1]-196		Apr 1927	24 Dec 1926	2 Feb 1927
11	24A(2)	[1]-17		Jan-Feb 1932	18 Sep 1931	13 Oct 1931

No.	Arkiv	pages	*plates*	Nat. Nov.	date printed	vol. publ.
12	26A(2)	[1]-138	*1-7*	Apr 1934	4 Oct 1933	11 Apr 1934
13	28A(4)	[1]-106		Sep 1936	11 Feb 1936	13 Oct 1936

Möller, Johann Diedrich (1844-1907), German (Holstein) botanical technician at Wedel, Holst., collaborator of P. T. Cleve. (*J. D. Möller*).

HERBARIUM and TYPES: : AWH, B, BM, BRM, FI, OS, S, TALE, W. – Möller distributed 597 copies of a "Typenplatte" with 400 diatoms, and 1009 copies of a similar preparation with 100 species. For further plates see O. Müller (1907). The largest single plate, the *Universum diatomacearum Moellerianum,* with 4026 taxa was prepared in 1890. For photographic enlargements of one of M's series see below (*Diatom.-Präp.*).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 500; BM 3: 1328; De Toni 1: lxxxv, 2: lxxxi, cxxv; IH 2: 550 (as Joseph D. M.); Jackson p. 75, 90; KR p. 518; LS 18027; Morren ed. 10, p. 17; NI 1395; TL-2/1: see Cleve, P. T., Hauck, F.; Urban-Berl. p. 267.
Anon., Bull. Soc. bot. France 22(Bibl.): 111. 1875; Bot. Not. 1908: 47.
Frison, Ed., Henri Ferdinand Van Heurck 28, 48, 50, 51, 52, 80, 94.1959.
Fryxell, G. A., Beih. Nova Hedw. 35: 362. 1975.
Hoover, R. B., Ward's Bull. 16(103): 1-4. 1977 ("Master mounter of diatoms"; On his "Typenplatten").
Müller, O., Ber. deut. bot. Ges. 25: (57)-(60). 1907 (biogr., b. 16 Mar 1844, d. 29 Oct 1907; details on his preparations).
VanLandingham, S. L., Cat. diat. 6: 3570. 1978, 7: 4206. 1978.

COMPOSITE WORKS: See P. T. Cleve (under Herbarium and Types) for the series of exsiccatae: Diatoms (i-vi, nos. 1-324).

EPONYMY: *Moelleria* Cleve (1873).

6160. Lichtdrucktafeln hervorragend schöner und vollständiger Möller'scher *Diatomaceen-Präparate* ... Wedel in Holstein (Selbstverlag des Herausgebers) 1891. Broadsheet. (*Diatom.-Präp.*).
Publ.: 1891 (p. [iv]: Jul 1891; Nat. Nov. Jul(1) 1892), p. [i, iii-v], *pl. 1-59. Copies*: MICH, NY.
Ref.: Pantocsek, J., Bot. Centralbl., Beih. 1(7): 481-482. 1891.

6161. *Verzeichniss der in den Lichtdrucktafeln Möllerscher Diatomaceen – Präparate enthaltenen Arten* ... Wedel [Holstein] (Selbstverlag des Herausgebers) 1892. Oct. (*Verz. Lichtdrucktaf. Diat.-Präp.*).
Publ.: 1 Nov-15 Dec 1892 (Nat. Nov. Dec(3) 1892; p. x: Nov 1892), p. [i]-x, [1]-176. *Copies*: B-S, MICH.

Möller, Ludwig Heinrich Ferdinand (1820-1877), German high school teacher and botanist at Mühlhausen in Thüringen. (*L. Möller*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 500; BFM 410, 445; BM 3: 1328; CSP 8: 425; GR p. 113 (orig. info.); Hortus 3: 1200 ("Möller"); Jackson p. 300, 311; LS 37034; Rehder 5: 580; Tucker 1: 492-493; Zander ed. 11, p. 791.
Anon., Mitt. deut. dendrol. Ges. 1917: 248 (portr.).
Wittmack, L., Gartenflora 59: 214-215. 1910 (portr.).

COMPOSITE WORKS: Founder and editor of *Möller's Deutsche Gärtner-Zeitung* 1886-1910 (25 vols.).

6162. *Flora von Nordwest-Thüringen.* Ein Handbuch für Jedermann, welcher seine Heimath kennen lernen will, insbesondere für Botaniker, Lehrer der Naturgeschichte und Schüler

höheren Unterrichtsanstalten ... Mühlhausen i/Th. (Verlag von Adolf Foerster) 1873. Oct. (*Fl. Nordw. Thüringen*).
Ed. 1: Nov 1872 (t.p. 1873; rev. Bot. Zeit. 3 Jan 1873; announced as new Bot. Zeit. 22 Nov 1872), p. [i]-iv, [5]-212, [1]-111. *Copies*: B, G.
Ed. 2: 1874 (Bot. Zeit. 24 Jul 1874), 2 parts, p. [i]-iv, [5], 212, [1]-111. *Copies*: B, NY. – Zweite Ausgabe Eisenach (Verlag von J. Bacmeister ...) s.d.
Ref.: Hausknecht, H. K., Bot. Zeit. 31: 9-11. 3 Jan 1873.

6163. *Die Holzgewächse in Nord- u. Mittel-Deutschland.* Ein analytischer Leitfaden zum Bestimmen und Kennenlernen der wildwachsenden und allgemein eingeführten Sträucher und Bäume für Lehrer, Schüler, Förster, Gartenbesitzer etc. Mit Anhang ... Eisenach (Verlag von J. Bacmeister) [1873]. Oct. (*Holzgew. N. M. Deutschl.*).
Publ.: Jan-Jun 1873 (Bot. Zeit. 11 Jul 1873), p. [i]-vi, [1]-104. *Copy*: GOET (Bibl. Forstl. Fak.). Inf. G. Wagenitz.

6164. *Flora von Thüringen* und den angrenzenden Gegenden. Ein analytischer Leitfaden zum Bestimmen der Pflanzen für höhere Lehranstalten. I. Theil: Phanerogamen ... Leipzig (Druck und Verlag von B. F. Teubner) 1874. Oct. (*Fl. Thüringen*).
Co-author: B. Graf.
Publ.: 1874 (Bot. Zeit. 6 Nov 1874), p. [i]-v, [vi], [1]-230. *Copy*: B.

Ref.: Harms, H., Verh. bot. Ver. Brandenburg 59: 42. 1918.

Moench, Conrad (1744-1805), German botanist, chemist and pharmacist; Dr. med. Marburg 1781; pharmacist at Hannover (1764), Bern (1765-1768), Strassburg (1768-1770), Kassel (1770-1785); assessor and from 1781 professor of botany at the medical college of Kassel 1780-1785; professor of botany and in other functions at Marburg University 1785-1805. (*Moench*).

HERBARIUM and TYPES: No longer extant. The herbarium came to the Marburg pharmacist Ruppersberg, but either he or later owners neglected it completely.

BIBLIOGRAPHY and BIOGRAPHY: ADB 22: 163-164; AG 2(2): 91, 5(1): 565; Barnhart 2: 500; BM 3: 1328; Dryander 3: 157, 208, 417, 4: 52, 114, 224, 249,5: 67, 71; DSB 9: 434; Frank 3(Anh.): 66; GR p. 113; Hegi 3: 478; Herder p. 466; Hortus 3: 1200 ("Moench"); IF p. 721; Jackson p. 429; Kew 4: 22; Langman p. 514; LS 18028-18029; MW p. 329; PR 6311-6314 (ed. 1: 7004-7007); Rehder 5: 580; RS p. 120; SO add. 678d; TL-1/881-882; Tucker 1: 493; Zander ed. 10, p. 693, ed. 11, p. 790.
Baines, J. E., Vict. Natural. 90: 229. 1973.
Gundlach, F., Cat. Prof. Akad. Marb. no. 392. 1927 (see also Stearn, 1966, p. viii).
Hein, W.-H., Veröff. Ges. Gesch. Pharm. ser. 2. 40: 80. 1973 (b. 15 Aug 1744, d. 6 Jan 1805; handwriting).
Ludwig, W., Hess. florist. Briefe 16: 13-16. 1967 (on the fate of M's herbarium).
Poggendorff, J. C., Biogr.-lit. Handw.-Buch 2: 167-168. 1863 (b. 15 Aug 1744, d. 6 Jan 1805).
Rommel, C., Memor. Conradi Moench ... nuper vita defuncti, Marburg 1805 (n.v.).
Sayre, G., Bryologist 80: 514. 1977.
Schmitz, R., S. B. Ges. Beförd. Naturw. Marburg 83/84: 1-33. 1963; Ber. deut. bot. Ges. 91: 430-432. 1978.
Stafleu, F. A., Taxon 16(1): 46-48. 1967 ("a rebel against Linnaeus"); Linnaeus and the Linnaeans 252-253. 1971.
Stearn, W. T., Early Marburg Botany, Koenigstein/Ts 1966, xix p., added to Moench, Meth. fasc. ed. 1966 (extensive details; original sources.).
Wenderoth, G. W. F., Der Pflanzengarten der Universität Marburg, Marburg 1850 (n.v.).

HANDWRITING: Veröff. int. Ges. Gesch. Pharm. ser. 2. 40: 81. 1973.

EPONYMY: *Moenchia* A. W. Roth (1788, *nom. rej.*); *Moenchia* J. F. Ehrhart (1788, *nom. cons.*); *Moenchia* F. K. Medikus (1790, *nom. rej.*).

6165. *Enumeratio plantarum indigenarum Hassiae* praesertim inferioris secundum methodum

sexualem dispositarum edito a Conrado Moench ... Pars prior. Cum tabulis aeri incisis. Cassellis [Kassel] (sumptibus auctoris) 1777. Oct. (*Enum. pl. Hass.*).
Publ.: 1777 (p. [viii]: 3 Mar 1777), p. [i-xxiv], [1]-268, [1-2, err.], *pl. 1-6* (uncol. copp.). *Copies*: G, NY.

6166. *Verzeichniss ausländischer Bäume und Stauden* des Lustschlosses Weissenstein bey Cassel. Von Conrad Mönch, Doctor und Professor am Karolinum. Mit 8 Kupfertafeln. Frankfurt und Leipzig (in der J. G. Fleischerischen Buchhandlung) 1785. Oct. (*Verz. ausländ. Bäume*).
Publ.: 1785, p. [i]-xiv, [1]-144, [1, err.], *pl. 1-8* (on 4 lvs., uncol. copp.). *Copies*: G, M, MO, USDA.

6167. *Methodus* plantas horti botanici et agri marburgensis, a staminum situ describendi, ... Marburgi Cattorum [Marburg] (In officina nova libraria academiae) 1794. Oct. (*Methodus*).
Publ.: 4 Mai 1794 (inf. John W. Landon, available at Easter Fair; GGA 16 Mai 1795), p. [i]-viii, [1]-780, [1-18, index], [1, err.]. *Copies*: B, FI, G, MO, NY, US, USDA; IDC 698.
Facsimile ed.: Koeningstein-Taunus (Otto Koeltz Antiquariat) 1966, with an introduction and biography by William T. Stearn, ISBN 3-87429-005-0, [ii-iii, t.p.'s], intr. [i]-xix, fascimile [i]-viii, [1]-780, [1-18, index], [1, err.]. *Copies*: FAS, MO, NY.
Ref.: Baldinger, Neues Mag. Aerzte 14(6): 524-532. 1792 (sic).
Markgraf, F., Bot. Jahrb. 87(Lit.): 2-3. 1967.
Stearn, W. T., Early Marburg Botany [in facsimile ed. of Moench. Meth.] Koenigstein 1966.
Stafleu, F. A., Taxon 16(1): 46-48. 1967.

6168. Conradi Moench *Supplementum ad methodum plantas* a staminum situ describendi. Marburgi Cattorum [Marburg] (In officina nova libraria academiae) 1802. Oct. (*Suppl. Meth.*).
Publ.: 2 Mai 1802 (inf. John W. Landon; available at Easter Fair), p. [i]-iv, [1]-328. *Copies*: FI, G, NY(2), USDA; IDC 698.
Facsimile ed.: Koenigstein-Taunus (Otto Koeltz Antiquariat) 1966, p. [ii]-vi, [1]-328. *Copies*: FAS, MO, NY.

6169. *Einleitung zur Pflanzenkunde* entworfen von Conrad Mönch, ... Marburg (in der Akademischen Buchhandlung) 1798. Oct. (*Einleit. Pflanzenk.*).
Publ.: 1798, p. [1]-274, 2 charts. *Copy*: NY.

Mönkemeyer, Wilhelm (1862-1938), German bryologist; "Garteninspektor" at Leipzig. (*Mönk.*).

HERBARIUM and TYPES: HBG (10,000); other material at B, H, M, MANCH, and S.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 500; BM 7: 854; Bossert p. 271; IH 1(ed. 6): 362, 2: 551; Kew 4: 22; MW p. 329; NAF ser. 2. 3: 39-40; Rehder 5: 580; SBC p. 127 ("Mönk."); Tucker 1: 493; Urban-Berl. p. 308.
Christiansen, W. & W., Bot. Schrifttum Schlesw.-Holst. 318. 1936.
Familler, I., Denkschr. bay. bot. Ges. 11: 19. 1911.
Lorch (Schöneberg), Bot. Zeit. 68(2): 340-341. 1910.
Mueller Hal., K. A. F. W., Flora 69: 506. 1886 (epon.).
Sayre, G., Bryologist 80: 514. 1977.
Verdoorn, F., Chron. bot. 4: 261-262. 1938; Ann. Bryol. 12: viii. 1939.

COMPOSITE WORKS: (1) Pascher, *Süsswasserflora, Bryales* in 14: [39]-168, *fig. A-H, 1-62*. 1914; ed. 2. 14; [47]-197, *fig. A-G*. 1931. (rev. ed. 1: L. Loeske, Bot. Centralbl. 126: 98-99. 28 Jul 1914, E. Irmscher, Hedwigia 55(Beibl. 1): (5)-(6). 12 Mai 1914; ed. 2. O. C. Schmidt, Hedwigia 71(Beibl. 1): (13). Aug 1931.
(2) Kohl's *Taschenwörterbuch der botanischen Kunstausdrücke für Gärtner*. Ed. 2, by W. Mönkemeyer, Berlin (Paul Parey) 1889, 98 p. (publ. 15 Sep-1 Oct 1889).

EPONYMY: *Moenkemeyera* K. A. F. W. Mueller Hal. (1886).

6170. *Die Sumpf- und Wasserpflanzen.* Ihre Beschreibung, Kultur und Verwendung ... Berlin (Verlag von Gustav Schmidt ...) 1897. Oct. (*Sumpf- Wasserpfl.*).
Publ.: Oct-Nov 1897 (p. iv: Oct 1897; Nat. Nov. Nov(2) 1897; ÖbZ Nov 1897; Bot. Zeit. 1 Dec 1897; J. Bot. Feb 1898), p. [i]-iv, [1]-189. *Copies*: MO, NY.
Ref.: Engler, A., Bot. Jahrb. 26(Lit.): 13. 31 Mai 1898.
Rendle, A. B., J. Bot. 36: 68-69. 1898.

6171. *Bryologisches aus der Umgebung Leipzigs* nebst Beobachtungen über einige Drepanocladen und ihre Formenkreise [Besonderer Abdruck aus den Sitzungsberichten der Naturforschenden Gesellschaft zu Leipzig 1906]. Oct.
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6172. *Die Laubmoose Europas* iv. Band Ergänzungsband Andreaeales-Bryales ... Leipzig (Akademische Verlagsgesellschaft m.b.H.) 1927, 3 parts. Oct. (*Laubm. Eur.*).
Publ.: In three parts, p. [i]-x, [1]-960. *Copies*: H, S. R. Gradstein, USDA. – Alternative t.p. "Dr. Rabenhorsts *Kryptogamen-Flora von Deutschland, Österreich und der Schweiz* ..." – Supplementary to Limpricht, *Laubm. Europ.* (TL-2/4540) – *1*: [1]-256. Apr 1927; *2*: 257-576. Jul-Aug 1927; *3*: 577-960. Dec 1927.
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Moerch, Otto Josias Nicolai (1799-1842), Danish botanist, curator of the Copenhagen botanical garden (*Moerch*).

HERBARIUM and TYPES: Some material at C.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 500; IH 2: 556; Jackson p. 445; Kew 4: 23; PR 6315 (ed. 1: 7008); Rehder 5: 581; Tucker 1: 493.
Warming, E., Bot. Tidsskr. 12: 126-127. 1880 (bibl.).

6173. *Catalogus plantarum horti botanici Hafniensis.* Conscripsit O. J. N. Mörch, hortulanus. Hauniae [Kjøbenhavn] (typis directoris Jani Hostrup Schultz, ...) 1839. Oct. (*Cat. hort. Hafn.*).
Publ.: 1839 (p. iii: 12 Apr 1839), p. [i-iii], [1]-102. *Copies*: NY, USDA.
Supplementum: 1840, p. [1]-12. *Copy*: NY. "*Supplementum Catalogi plantarum horti botanici Hafniensis* ..." Hauniae (typis excudebat Director J. Hostrup Schultz ...) 1840. Oct. (*Suppl. Cat. hort. bot. Hafn.*).

Mörner, Count **Carl Thore** (1864-1940), Swedish botanist; Dr. phil. Uppsala 1892; professor of medicine and physiological chemistry Uppsala 1894, ord. professor 1909. (*Mörner*).

HERBARIUM and TYPES: Some material at C and E.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 501; BJI 2: 119; BL 2: 516, 692; Bossert p. 274; CSP 17: 296; Hirsch p. 202; IH 2: 559; KR p. 518; LS 18031-18034, suppl. 18578-18580; MW p. 329; SO 1011c.
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Mössler, Johann Christoph (*fl.* 1815), German teacher and botanist; in Hamburg 1804-1806. (*Mössler*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 501; BM 3: 1329; DTS 1: 196-197, 6(4): 170; Jackson p. 293; Herder p. 94, 186; Kew 4: 23; PR 6316-6318 (ed. 1: 7009-7011); Rehder 5: 581; RS p. 120; TL-1/894; Tucker 1: 493.
Brizicky, G., Taxon 18: 652. 1969 (use infrageneric categories).
Christiansen, W. & W., Bot. Schrifttum Schlesw.-Holst. 318 [index]. 1936.
Fischer-Benzon, R. J. D. von, *in* Prahl, P., Krit. Fl. Schleswig-Holstein 2: 38. 1890.

EPONYMY: *Moesslera* H. G. L. Reichenbach (1828).

6174. D. J. Ch. Mösslers *Taschenbuch der Botanik* zur Selbstbelehrung welches die botanische Sprache, die Erläuterung des Linnéischen Systems der 23 ersten Klassen, und die dahin gehörigen wilden Gewächse Deutschlands enthält, mit 6 illum. Kupfern. Hamburg (bey Benjamin Gottlob Hoffmann) 1805. Oct. (*Taschenb. Bot.*).
Publ.: 1805 (announced for Ostermesse, 1805), p. [i]-viii, [1]-287, index [1-22], zweyter Abschnitt: [i], [1]-127, [128, err.], chart., *pl. 1-6* (col. copp., L. Leo Wolf). *Copy*: NY.

6175. Gemeinnütziges *Handbuch der Gewächskunde,* welches, mit Ausnahme der vier und zwanzigsten Klasse des Linnéischen Systems, die wilden Gewächse Deutschlands enthält, und von den ausländischen diejenigen, welche dem Arzt und Apotheker, den Färber, Gärtner und Landwirth Nutzen bringen, nebst einer kurzen Einleitung in die Gewächskunde und einem erklärenden Verzeichnisse der lateinischen Ausdrücke, von Dr. Johann Christoph Mössler. In zwey Abtheilungen. Altona (bey Johann Friedrich Hammerich) 1815. Oct. (*Handb. Gewächsk.*).
Publ.: 1815 (p. [xiv*]: 20 Sep 1814), p. [i*-xiv*], [i]-liii, [1], [1]-644, 644a, 644b, [i-xii, list, err., index], [part 2:] [i], [645]-1415, [1416, err., 1-40, index]. *Copy*: NY.
Editions 2 and 3: see below.
Ref.: Anon., Flora 2: 619-631, 634-643. 1819 (rev.).

6176. Dr. Joh. Christ. Mössler's *Handbuch der Gewächskunde,* enthaltend eine Flora von Deutschland mit Hinzufügung der wichtigsten ausländischen Cultur-Pflanzen. *Zweite Auflage,* gänzlich umgearbeitet und durch die neuesten Entdeckungen vermehrt von H. G. Ludwig Reichenbach, ... Altona (bei Johann Friedrich Hammerich) 1827-1829, 3 vols. Oct. (*Handb. Gewächsk. ed. 2*).
Editor and in part author: Heinrich Gottlieb Ludwig Reichenbach (1793-1879).
Publ.: 3 vols. in 4. *Copies*: B, G, M, NY, (vol. 1 only). – For the use of infrageneric categories in this and in ed. 3 see Brizicky (1969).
1: Dec 1827 (p. xvi: 1 Aug 1827; Flora rd. Dec 1827 or early Jan 1828, see 11: 63, 192, 519-542. 1828), p. [i*-vi*], [i]-lxviii, ["xxviii"], [1]-784, [1-2, err.].
2(1): Jul-Dec 1828 (p. [vi]: 1 Jul 1828), p. [i-vi], [785]-1187.
2(2): Mar-Jul 1829 (p. x: Mar 1829; rev. Flora 21 Aug 1829), p. [iii]-x, [1189]-1582, [1, err.].
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6177. Dr. Joh. Christ. Mössler's *Handbuch der Gewächskunde,* enthaltend eine Flora von Deutschland mit Hinzufügung der wichtigsten ausländischen Cultur-Pflanzen. *Dritte Auflage,* gänzlich umgearbeitet und durch die neuesten Entdeckungen vermehrt von H. G. Ludwig Reichenbach, ... Altona (bei Johann Friedrich Hammerich) 1833-1834, 3 vols. in 6. Oct. (*Handb. Gewächsk. ed. 3*).
Editor and in part author: Heinrich Gottlieb Ludwig Reichenbach (1793-1879).
Publ.: 3 vols. in 6. *Copies*: M, MO, NY, US. – For the use of infrageneric categories see Brizicky (1969). For dates see TL-1. The issuance of the parts of the preface is uncertain.
1: 1833, p. [i]-xvi, [1]-798, published in two parts [1]-400 and [i], 401-798.
2(1): 1833, *2(2)*: Mar 1834, *2(3)*: Sep 1834 (precise contents not known), p. [xvii]-xxiv, [799]-1652.
3: Mai 1835, p. [xxv]-cxiv, [1653]-1994.

Moesz, Gusztáv (Gustav von) (1873-1946), Hungarian botanist; high school teacher at

Brassó, from 1906 id. at Budapest and specializing mainly on mycology; from 1910 curator, later director of BP. (*Moesz*).

HERBARIUM and TYPES: BP; contributed fungi to Petrak, *Mycotheca generalis* q.v.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(2): 529; Barnhart 2: 501; BJI 2: 119; Bossert p. 270; CSP 17: 298; Futák-Domin p. 403; GR p. 659-660; Hawksworth p. 184; Hegi 5(4): 2314; Hirsch p. 202; IH 2: 546; Kew 4: 23-24; LS 37035-37037, suppl. 18581-18630; Nordstedt suppl. p. 11; Stevenson p. 1251.
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Boros, A., Bot. Közlem. 47(3-4): 223-238. 1958 (portr., bibl.).
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 111. 1970 (some fungi E).
Kneucker, A. v., Allg. bot. Z. 17: 96. 1911 (app. BP as "Kustosdirektor" of botany dept.), 21: 139. 1916 (habil. Univ. Budapest).
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EPONYMY: *Moeszia* Bubák (1914); *Moesziella* Petrak (1927); *Moesziomyces* Vánky (1977); *Moeszopeltis* Petrak (1947).

6178. Nehány bevándorolt és behurczolt növénjünk. *Einige eingewanderte und eingeschleppte Pflanzen Ungarns*. Budapest (Hornyánszky Viktor cs. . . .) 1909. Oct. (*Eingew. Pfl. Ungarns*).
Publ.: 1909, p. [1]-9. *Copy*: MO. – Reprinted and to be cited from Beibl. Bot. Közlem. 8: 136-147, (38-43). 1909.

6179. Adatok Bars vármegye flórájához. *Beiträge zur Flora des Komitates Bars*. Budapest (Hornyánszky Victor cs. . . .) 1911. Oct. (*Beitr. Fl. Bars*).
Publ.: 1911, reprint with new t.p. [i] from Bot. Közlem. 1911(5-6): 134, 171-185, German summary (30)-(33), (35), 2 maps. *Copy*: MO.

6180. *Fungi hungaricae* I. Myxomycetes Magyarország gombaflórája. I. Nyálkagombák. Szeged 1926.
Publ.: 30 Mai 1926 (p. 197), p. [i], 112-200. *Copy*: Stevenson. – Reprinted from Folia crypt. 1(3): 112-200. 1925. It is not clear whether the journal publ. was indeed earlier.

Moffatt, Will (William) **Sayer** (1847-1941), American mycologist; MD Chicago 1868; practiced medicine at Wheaton, Ill., and Sycamore, Ill.; to Los Angeles 1926. (*Moffatt*).

HERBARIUM and TYPES: ILL (11.000); a large collection is also at ISM; further material at F, MIN, MSC, WTU.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 501 (orig. info.); BM 7: 854; Dawson p. 870; IH 1(ed. 6): 362, 2: 546; Kelly p. 150; Kew 4: 24; LS 37038, suppl. 18631; Pennell p. 614.
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1, The hymenomycetes: Jun 1909, p. [1]-156, *pl. 1-24*.
2, The gastromycetes: Mai 1923, p. [1]-24, *pl. 1-26*. Bulletin no. 7, Natural History Survey [of the Chicago Academy of Sciences]. *Copies*: BR, FI, Stevenson.

Moggridge, John Traherne (1842-1874), British botanist at Mentone. (*Moggr.*).

HERBARIUM and TYPES: K; other material at E, FI, G, K, OXF, US, W. Original drawings for contributions to the flora of Mentone at K.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 189; Barnhart 2: 501; BB p. 218; BM 3: 1329-1330; Bossert p. 270; Clokie p. 213; CSP 4: 421, 8: 415-416, 12: 514; Desmond p. 441; GF p. 61;

GR p. 218; Herder p. 466; Hortus 3: 1200 ("Moggr."); IH 1(ed. 6): 362, 2: 546; Jackson p. 138, 287, 581; Kew 4: 24; Moebius p. 364; NI 1396; Plesch p. 339; PR 6319, 10606; Rehder 5: 581; Saccardo 1: 111, cron. p. xxvii; Sotheby 2: 190; Tucker 1: 493.
Anon., Bot. Not. 1875: 31 (d. 24 Nov 1874); Bull. Soc. bot. France 22(C.R.): 102. 1875, 23(bibl.): 96. 1876 (herb. to K.), 30: cxxiii-cxxiv. 1883; Gard. Chron. 1874(2): 723 (obit.); J. Bot. 13: 63-64. 1875; Proc. Linn. Soc. 1874-8:lxi. 1874.
Burnat, E., Bull. Soc. bot. France 30: cxxiii-cxxiv. 1893 (b. 8 Mar 1842, d. 24 Nov 1874; collections on which *Contr. fl. Mentone* was based mainly by his father Matthew Moggridge (1803-1882)).
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6182. *Contributions to the flora of Mentone* and to a winter flora of the Riviera, including the coast from Marseilles to Genoa. London (L. Reeve & Co.) [1864-]1871. Oct. (*Contr. fl. Mentone*).
Ed. 1, in four parts, p. [i]-vii, *pl. 1-97, 51bis, 52bis*, with text, [1-2, index]. *Copies*: NY, USDA.
1: 1864, p. [i]-vii, *pl. 1-25*.
2: 1865, *pl. 26-50*.
3: 1868, *pl. 51-73, 51bis, 52bis* (B.S.b.F. rd. Dec 1868).
4: 1871, *pl. 74-97*.
Ed. 2, part 1: 1867, parts 2-4 of ed. 1.
Ed. 3, part 1: 1874, p. [i-iv], *pl. 1-25* with text. *Copy*: G. – *Parts 1-4*: 1874, p. [i-iv], *pl. 1-97, 52bis*, [i-ii, index]. *Copy*: MO. – "Third edition" London (id.) 1874. – A further "third edition" was published in 1913, London (Quaritch), n.v.

6183. *Ueber Ophrys insectifera* L. (part.) ... Dresden (Druck von E. Blockmann & Sohn) 1869. Qu. (*Ophrys insectifera*).
Publ.: 1869 (ÖbZ 1 Sep 1869), p. [1]-6, *pl. 1-4* (col. liths., C. F. Schmidt). *Copy*: G. – Nova Acta Leop. 35(3), 1869.

Mohl, Hugo von (1805-1872), German botanist; Dr. phil. Tübingen 1827; 1828-1831 physician at München; 1832 professor of physiology at Bern; 1835 professor of history at the University of Tübingen; outstanding plant anatomist and physiologist. (*Mohl*).

HERBARIUM and TYPES: TUB; some musci at B..

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 121, 274, 283; Backer p. 376; Barnhart 2: 501; BM 3: 1330-1331, 7: 855; Bossert p. 270; CSP 4: 421-423, 8: 416-417, 10: 829, 12: 514; De Toni 1: lxxxv; DSB 9: 441-442; DTS 1: 197; Frank 3(Anh.): 66-67; GR p. 113; Herder p. 466 [index]; IH 2: 547; Jackson p. 74, 219, 478; Kew 4: 25; KR p. 503; Langman p. 514; Lasègue p. 524; LS 18035-18041; Moebius p. 163, 453 [index]; PR 6321-6352 (cd. 1: 7012-7040); Rehder 5: 581-582; SBC p. 127 ("Mohl"); SO 477; TL-1/794, 469; TL-2/2839; see Henfrey, A.; Tucker 1: 493; Urban-Berl. p. 308.
Ahles, W. E. von, Württemb. naturwiss. Jahresh. 29(1-3): 41-65. 1873 (bibl.).
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(3) *De structura caudicis filicum arborearum*, in Mart., *Icon. pl. crypt.* 40-61, *pl. 31-36*. 1834. See TL-2/5526.

EPONYMY: *Mohlana* C. F. P. Martius (1832); *Mohlites* Unger (1839).

6184. *De structura caudicis filicum arborearum* scripsit Hugo Mohl, ... Monachii [München] 1833. Qu. (in fours).
Publ.: 1833, p. [1]-23, *pl. 31-36* (col. copp., auct.). *Copy*: MO. – Preprinted and to be cited from C. F. P. von Martius, Icon. pl. crypt. fasc. 2: 31-53. *pl. 31-36*. 1834, see TL-2/5526. – See Verm. Schr. for German abstract.

6185. *Ueber den Bau und die Formen der Pollenkörner* ... Bern (bei Chr. Fischer und Comp.) 1834. Qu. (*Bau Form. Pollenkörn.*).
Publ.: 1834 (Flora 14 Apr 1834), p. [i]-iv, [1]-130, *6 pl. Copy*: FI.

6186. *Morphologische Betrachtungen über das Sporangium der mit Gefässen versehenen Cryptogamen.* Eine Inaugural-Dissertation, welche zur Erlangung der Doctorwürde in der Medicin und Chirurgie unter dem Präsidium von Hugo Mohl, ... im Juni 1837 der öffentlichen Prüfung vorlegt Heinrich Landerer von Walddorf. Tübingen (gedruckt bei Gustav Bähr) 1837. Oct. (*Morph. Betracht. Sporang.*).
Publ.: Jun 1837, p. [1]-40. *Copies*: L, MO. – Also published in Verm. Schr. 94-107. 1845, indicating that Mohl was indeed the author.

6187. *Vermischte Schriften botanischen Inhalts* ... Tübingen (bei Ludwig Friedrich Fries) 1845. Qu. (*Verm. Schr.*).
Publ.: Jul-Dec 1845 (p. vi: Jun 1845), p. [i]-viii, [1]-442, *pl. 1-13*. (uncol. liths. with some col. details). *Copies*: FI, MO, NY. – 31 Papers originally published elsewhere, sometimes revised or augmented.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 4: 463-465. 3 Jul 1846.

6188. *Grundzüge der Anatomie und Physiologie der vegetabilischen Zelle* ... Braunschweig (Druck und Verlag von Friedrich Vieweg und Sohn) 1851. Oct. (*Grundz. Anat. Zelle*).
Publ.: Apr-Mai (Ostermesse 1851; ÖbZ Sep 1851) 1851, p. [1]-152, *1 pl.* – Reprinted from R. Wagner, Handwörterbuch der Physiologie, vol. 4. 1851.
Ref.: Muller, K., Bot. Zeit. 9: 588-589. 15 Aug 1851.

Mohler, J. C. (*fl.* 1928), American botanist at Topeka, Kansas. (*Mohler*).

HERBARIUM and TYPES: Unknown.

6189. *Trees in Kansas* ... Topeka (printed by Kansas State Printing Plant B. P. Walker, state printer) 1928. Oct. (*Trees Kansas*).
Publ.: 1928, p. [1]-372. *Copy*: USDA. – Report Kansas State Board of Agriculture 47, no. 186A.

Mohr, Charles Theodore (baptized Karl Theodor) (1824-1901), German-born American botanist who studied at Stuttgart; collected in Suriname 1845-1846; emigrated to the United States 1848, joined the "forty-niners" in the gold-rush of 1859; spent a year in gold-mining in the Sacramento valley (Calif,); two years farming in Indiana; then at Louisville, Ala., and in Mexico; from 1857-1899 druggist at Mobile, Ala., 1899-1901 at Asheville, N.C. (*C. Mohr*).

HERBARIUM and TYPES: ALU (15.000, Alabama), US (18.000 general herbarium, presented 1901). – The ALU herbarium is now called the "Charles Mohr herbarium." (see e.g. Davenport 1979). Furher material e.g. at BUF, NA, QK, and PH. The correspondence between C. T. Mohr and Eugene Allen Smith (1841-1927) is at the A. G. Gorgas Library, Univ. Alabama.

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Steere, W. C., Bot. Rev. 43: 292. 1977.
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S. B. Sutton, Charles Sprague Sargent 378. 1970.
Tracy, S. M., Plant World (U.S.) 4: 167-170, *pl. 13*. 1901.
Zucker, A. E., Forty-eighters 320. 1950 (n.v.).

EPONYMY: *Carlomohria* E. L. Greene (1893); *Mohria* N. L. Britton (1893); *Mohrodendron* N. L. Britton (1893).

6190. *Preliminary list of the plants growing without cultivation in Alabama*, from the collections made by Eugene A. Smith, Tuscaloosa, & Chas. Mohr, Mobile, Ala. Compiled by Charles Mohr. [Tuscaloosa 1880]. (*Prelim. list pl. Alabama*).
Collector: Eugene Allen Smith (1841-1927).
Publ.: 1880 (see p. [57] and Bull. Torrey bot. Cl. 28: 602. 1901), p. [1]-56, [57]. *Copies*: MO, NY, US.
Ref.: Lubrecht, H., Early Amer. bot. works no. 99. 1967.

6191. *The medicinal plants of Alabama.* Systematic list of the medicinal plants occurring within the limits of the state, with notes on their distribution and proper time of collecting the parts used. Chas. Mohr, Mobile, Ala. Printed at the Register Job Office [Mobile, Ala., 1893]. (*Med. pl. Alabama*).
Publ.: 1890 (TBC 12 Aug 1890), p. [1]-17. *Copies*: MO, US.

6192. *The timber pines of the southern United States* by Charles Mohr, Ph.D. together with a discussion of the structure of their wood. By Filibert Roth ... Washington (Government Printing Office) 1896. Oct. (*Timber pines south. U.S.*).
Co-author: Filibert Roth (1858-1925).
Orig. ed.: Jun-Dec 1896 (p. 3: 26 Mai 1896; Bot. Gaz. 1897; Bot. Centralbl. 26 Mai 1897), p. [1]-160, *pl. 1-27*. *Copy*: NY. – Bulletin 13, U.S. Dept. Agr., Div. Forestry.
Revised ed.: Nov-Dec 1897 (p. 3: 1 Nov 1897), p. [1]-176, *pl. 1-27*. *Copies*: BR, MO, US. – Bulletin 13 (Revised Edition), U.S. Dept. Agr., Div. Forestry.

6193. U.S. Department of Agriculture. Division of botany. Contributions from the U.S. National Herbarium. Vol. vi. Issued July 31, 1901. *Plant life of Alabama.* An account of the distribution, modes of association, and adaptations of the flora of Alabama, together with a systematic catalogue of the plants growing in the state. Prepared in cooperation with the Geological Survey of Alabama by Charles Mohr, Ph. D. Washington (Government Printing Office) 1901. Oct. (*Pl. life Alabama*).
Orig.: 31 Jul 1901 (Nat. Nov. Apr(1) 1902; Torreya 28 Sep 1901; TBC 30 Sep 1901), p. [1]-921, *pl. 1-13*. *Copies*: BR, MO, NY, US, USDA(3). – Contributions from the U.S. National Herbarium, vol. 6; issued 31 Jul 1901; Charles Mohr died 17 Jul 1901. – Fungi by F. S. Earle.
Alabama ed.: Oct 1901. "Geological survey of Alabama. Eugene Allen Smith, Ph. D., State Geologist. Plant life of Alabama, An account ... State. By Charles Mohr, Ph. D. Reprint of vol. vi, contributions from the U.S. National Herbarium, published July 31, 1901, by the U.S. Department of Agriculture. Prepared in cooperation with the Geological Survey of Alabama. *Alabama edition,* with portrait and biography of the author ... Montgomery, Ala. (printed at Government Printing Office, Washington, D.C.) October 1901. Oct., p. [i]-xii, [1]-921, *pl. 1-13*, uncol. liths. *Copies*: MICH, NY(2), Stevenson, US. – Frontispiece portrait of Mohr; p. v-xii biogr. Mohr by Eugene A. Smith; portr. T. M. Peters opp. p. 17.
Facsimile ed.: Lehre (Verlag von J. Cramer) 1969, ISBN 3-7692-0622-x, Reprints of US-floras, volume 2, p. [i-ii], followed by facsimile.
Copies: FAS. – See Taxon 18: 580. 1969.

Mohr, Daniel Matthias Heinrich (1780-1808), German botanist; from 1805 "Adjunct," from 1807 professor of philosophy at the University of Kiel. (*D. Mohr*).

HERBARIUM and TYPES: Mohr's herbarium was incorporated in the herbarium of Karl Müller at B. Algae at HBG. Hepaticae in herb. Lindenberg at W. Exsiccatae: *Schleswig-*

Holsteinische algae aquaticae, fasc. 1, nos. 1-35. 1805. Lasègue reports Mohr material in the herbarium of W. J. Hooker (at K and BM).

BIBLIOGRAPHY and BIOGRAPHY: ADB 22: 65-66; Barnhart 2: 502; BM 3: 1331; CSP 4: 426-427; De Toni 1: lxxxv; DTS 1: 197; Frank 3(Anh.): 67; GR p. 33, cat. p. 68; Herder p. 23, 140, 238; Hortus 3: 1200 ("Mohr, D."); IH 2: 547; Jackson p. 243, 428; Kew 4: 26; KR p. 503; Lasègue p. 326, 328, 392, 502; . LS 18045-18045a; Moebius p. 66; NI 494 (Dillwyn, L. W.); PR 6353 (ed. 1: 7041); SBC p. 127 ("Mohr"); SO 2683a; SY p. 15-16, 28; TL-1/883, 1396-1397; TL-2/ 1473, see Hedwig, R. A.; Tucker 1: 494; Urban-Berl. p. 267, 308; Zander ed. 10, p. 693, ed. 11, p. 791.
Anon., Bonplandia 4: 219. 1856; Österr. bot. W. 6: 200. 1856 (herb. Mohr now in hands of K. Müller; it was owned by Lindenberg and subseq. acquired by C. F. Westhoff who gave it to Müller. Contains type material of Mohr, Turner, Swartz, Wahlenberg and Hedwig).
Christiansen, W. & W., Bot. Schrifttum Schlesw.-Holst. 318 [index]. 1936.
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Hornemann, J., Nat. Tidskr. 1: 581. 1837.
Müller, R. H. W. & R. Zaunick, Friedr. Traug. Kützing 289. 1960.
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Warming, E., Bot. Tidsskr. 12: 99. 1880.

COMPOSITE WORKS: See under F. Weber for (1) *Grossbritanniens Conferven* (1803-1805) (see also no. (1473), (2) *Naturhistorische Reise durch einen Theil Schwedens* (1804); (3) *Botanisches Taschenbuch auf das Jahr 1807*; (4) *Archiv für die systematische Naturgeschichte* (1804); and (5) *Beiträge zur Naturkunde,* 2 vols. 1805.

EPONYMY: *Mohria* O. Swartz (1806); *Mohrioidites* F. Thiergart (1950); *Mohriopsis* O. Appert (1973).

6194. *Observationes botanicae* quibus consentiente ampliss. philosophor. ord. Kilon. pro gradu doctoris philosophiae nec non LL.AA. magistri rite obtinendo plantarum cryptogamarum ordines, genera et species illustrare conatus est auctor Dan. Matth. Henr. Mohr, Quickbornâ-Pinnebergensis, Soc. phys. Goetting. adser. Kiliae [Kiel] (typis C. F. Mohr) 1803. Oct. (*Observ. bot.*).
Publ.: 1803, after 19 Mar, probably late in the year (SY p. 15), p. [1]-45, [1-2, err.]. *Copies*: H, MO-Steere; IDC 6077.

Mohr, Nicolai (i Pedersen) (1742-1790), Faeroes-born Danish botanist; visited Iceland 1780, Groenland 1787; employed by the Royal Danish China factory. (*N. Mohr*).

HERBARIUM and TYPES: C.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 502; BM 3: 1331; De Toni I: lxxxvi; Herder p. 55; IH 2: 547.
Warming, E., Bot. Tidskr. 12: 76. 1880.

6195. *Forsøg til en Islandsk Naturhistorie,* med adskillige oekonomiske samt andre Anmaerkinger, ved. N. Mohr . . . Kiøbenhavn (trykt hos Christian Friderik Holm) 1786. Oct. (*Fors. Islandsk Naturhist.*).
Publ.: 1786, p. [i]-xvi, [1]-413, [414, err.], *pl. 1-7.* (uncol. copp. S. M. Holm). *Copy*: MO.

Moisan, Charles Auguste (*fl.* 1839), French botanist and pharmacist at Nantes. (*Moisan*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 172, 692; BM 3: 1332; Herder p. 175; Morren ed. 2, p. 20, ed. 10, p. 56; PR 6355 (ed. 1: 7043); Rehder 1: 409; SO add. 847d; Tucker 1: 494.

6196. *Flore nantaise* ou tableau analytique, d'après la méthode de M. Lamark [sic], des

plantes naturelles au département de la Loire-inférieure, et de cèlles qui sont cultivées le plus généralement, classées selon Jussieu, avec une concordance Linnéenne, et l'indication de leurs usages dans la médecine et dans les arts. Nantes (De l'imprimerie de Camille Mellinet) 1839. Oct. (*Fl. nant.*).
Publ.: 1839, p. [i*, iii*], [i]-[v], [1]-725, *1 pl. Copies*: G, MO, NY. – Motto on t.p. "Qui fait aimer les champs fait aimer la vertu (Delille)."

Moldenhawer, Johann Jacob Paul (1766-1827), German botanist; born at Hamburg; professor of botany at Kiel University and director of the Düsternbrook forestry school (*Moldenh.*).

HERBARIUM and TYPES: KIEL (rd. 6 Feb 1845 from his daughter Pauline Moldenhawer) (destroyed).

BIBLIOGRAPHY and BIOGRAPHY: ADB 22: 93-94; Barnhart 2: 502; BM 3: 1333; Dawson p. 615; Dryander 3: 52; DSB 9: 455-456; Herder p. 417; Kew 4: 27; LS suppl. 18641; Moebius p. 166, 167, 177, 206, 207; PR 6357-6358 (ed. 1: 7045-7046); Rehder 5: 583; Tucker 1: 494.
Anon., Bot. Zeit. 3: 262-263. 1845.
Fischer-Benzon, R. J. D. von *in* Prahl, P., Krit. Fl. Schleswig-Holstein 2: 38. 1890.
Harvey-Gibson, R. J., Outlines hist. bot. 78, 79, 107, 112, 113, 1914.
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Mägdefrau, K., Gesch. Bot. 140-142, 144, 276, *Abb. 76.* 1973 (portr.).
Pritzel, G. A., Linnaea 19: 458. 1846 (b. 11 Feb 1766, d. 22 Aug 1827).
Schellenberg, G., Beih. Bot. Centralbl. 38(2): 390. 1921.
Schmid, G., Chamisso als Naturforscher 171. 1942.
Schrader, H. A., Gött. gel. Anz. 1: 718. 1802 (epon.).
Warming, E., Bot. Tidsskr. 12: 83. 1880.

EPONYMY: *Moldenhauera* [sic] K. P. J. Sprengel (1824); *Moldenhawera* Schrader (1802).

6197. Jo. Jac. Pauli Moldenhawer *Tentamen in historiam plantarum Theophrasti.* Hamburgi (sumtibus Benjamin Gottl. Hoffmann) 1791. Oct. (*Tent. hist. pl. Theophr.*).
Publ.: 1791, p. [1]-151, [152, err.]. *Copies*: NY, USDA.
Ref.: Usteri, P., Neue Ann. Bot. 3: 95-103. 1794.

Moldenke, Charles Edward (1860-1935), German-born American clergyman, egyptologist and botanist; emigrated to U.S. in early youth; B. A. Columbia college 1879, M.A. id. 1883; Dr. phil Strasbourg 1886; ordained 7 Oct 1885; pastor at Jersey City 1885-1890; in New York City 1890-1896, at Mt. Vernon 1897-1909; retired 1909 to Watchung, N.J. to engage in travelling and private study. (*C. Moldenke*).

HERBARIUM and TYPES: NY. – Duplicates distributed by H. N. Moldenke.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 502; IH 2: 547; Rehder 5: 583; Tucker 1: 494.
Anon., Plainfield Courrier News 19 Jan 1935, 23 Jan 1935; New York Herald Tribune 19 Jan 1935; Science 81: 191. 1935.
Moldenke, H. N., Plant life 2: 73. 1946 (epon.).

6198. *Ueber die in altägyptischen Texten erwähnten Bäume* und deren Verwerthung. Inaugural-Dissertation zur Erlangung der philosophischen Doctorwürde an der Kaiser-Wilhelms-Universität Strassburg ... Leipzig (Druck von Breitkopf & Härtel) 1886. Oct. (*Altägypt. Bäume*).
Publ.: 1886 (Nat. Nov. Oct(1) 1887; Bot. Zeit. 25 Nov 1887), p. [1]-149. *Copies*: MICH, NY, US.

Moldenke, Harold Norman (1909-x), American botanist; Ph. D. Columbia 1934; curator at the New York Botanical Garden 1934-1951; son of C. E. Moldenke. (*Moldenke*).

HERBARIUM and TYPES: Mainly at NY. For further details see IH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 502; BFM 3209;BL 1: 198, 309; Bossert p. 271; GR p. 233; Hortus 3: 1200 ("Moldenke"); IH 1 (ed. 6): 362, 2: 548; Kew 4: 27-31; Langman p. 514-517; Lenley p. 296; MW p. 329, suppl. p. 224-225; NAF 28B(2): 347; NI 1396a; NW p. 53; Pennell p. 614; PH 209; Roon p. 79; TL-2/1: 781; Zander ed. 10, p. 693, ed. 11, p. 791.
Anon., J. New York Bot. Gard. 32: 295. 1931 (coll. NY), 41: 19. 1940, 42: 31. 1941, 44: 18-19. 1943, 50: 258. 1949; Taxon 1: 16. 1951.
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Moldenke, H. N., Plant life 2: 8-10, 73. 1948 (autobiogr.; portr., b. 11 Mar 1909; epon.); & A. L. Moldenke, Plants of the Bible, Waltham, Mass. 1952, 364 p.
Rickett, H. W., Index Bull. Torrey bot. Club 71. 1955.
Steenis, C. G. G. J. van, Fl. males. Bull. 9: 285. 1952 (left NY).

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(2) *Phytologia,* vols. I-x, 1933-x; founder, editor, owner.
(3)*Flora of Suriname* (ed. A. A. Pulle), *Avicenniaceae,* 4(2): 322-325. Jul 1940.
(4)*Flore de Madagascar* (ed. H. Humbert), *Verbénacées,* fam. 174, p. [1]-273, *Avicenniacées,* fam. 174bis, p. [1]-5. Oct 1956.

EPONYMY: *Moldenkea* Traub (1951).

6199. *The observed flora of Watchung,* N. J. and its immediate vicinity together with a schematic classification of the plant kingdom to orders . . . Watchung, N.J. (The Elsinore Press) 1934 [ed. 3]. (*Fl. Watchung*).
Ed. 1: 27 Mai 1933, 10 hectographed sheets. *Copy*: NY.
Ed. 2: 17 Oct 1933.
Ed. 3: 23 Mar 1934, p. [1]-59. *Copies*: B, BR, G, NY, US, USDA. – Watchung, N.J. (The Elsinore Press) 1934.
First suppl.: 4 Mai 1934.
Second suppl.: 2 Jun 1934.
Third suppl.: 4 Dec 1934.
Fourth suppl.: 28 Apr 1935, p. [1]-5. *Copy*: US.
Fifth suppl.: 1 Jan 1937, p. [1]-7. *Copy*: BR.
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Seventh suppl.: 13 Jun 1938, p. [1]-2. *Copies*: BR, G, MO, US.
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Tenth suppl.: 18 Sep 1939, p. [1]-3. *Copies*: MO, US.
Eleventh suppl.: 17 Feb 1940, p. [1]-2. *Copies*: MO, US.
A list of the observed flora of Watchung, N.J., and its immediate vicinity, Union County Park Commission, Elizabeth, N.J. 5 Nov 1940, p. [1]-44. *Copy*: MO.
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6200. *Cultivated plants* [New York 1938]. (*Cult. pl.*).
Publ.: 18 Nov 1938, mimeographed document, p. [1]-41. *Copy*: NY.

6201. *The geographic distribution of the Avicenniaceae* and certain genera of Verbenaceae [New York 20 Sep 1939]. (*Geogr. distr. Avicenn.*).
Publ.: 20 Sep 1939, p. [1]-41. *Copy*: US. – Mimeographed document.

Molendo, Ludwig (1833-1902), German bryologist and journalist, editor of the Bayreuther Zeitung (1866-1868), Passauer Zeitung (1868-1875), Oberpfälzer Kurier (Regensburg) 1875-1877; from 1877 of various journals in Bayreuth (1877-1878) and München. (*Molendo*).

HERBARIUM and TYPES: By far the greater part is at M (through herb. Lorenz, and Holler); further material at B, BR, C, GFW, IBF, KIEL, MANCH, U. – The Molendo herbarium mentioned by Familler (1911) at the "Polytechnikum" of München was probably never transferred to that institution. It is possible that the Molendo herbarium left in 1902 was

acquired by August Holler (1835-1905) whose herbarium came to M in 1906 (inf. H. Merxmüller); Mägdefrau (1978) confirms that M's moss herbarium is at M.

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Anon., Biogr. Jahrb. 7: 79*; Bot. Not. 1903: 34 (d.); Nat. Nov. 24: 560. (d. 25 Jul 1902); Österr. bot. Z. 14: 59. 1864 (20.000 crypt. coll. in Ampezzo); Rev. bryol. 29: 108. 1902.
Candolle, A. de, Phytographie 434. 1880 (mosses at Augsburg and GFW).
Familler, I., Denkschr. bay. bot. Ges. Regensb. 11: 9, 13, 15, 19. 1911 (has err. d. 24 Jul 1903).
Holler, A., Ber. bay. bot. Ges. 26: 274-276. 1903; Mitt. bay. bot. Ges. 1: 274-276. 1903.
Kneucker, A., Allg. bot. Z. 9: 40. 1903 (d.).
Mägdefrau, K., Hoppea 37: 145. 1978 (b. 16 Dec 1833, d. 24 Jul 1902; moss herbarium at M).
Sayre, G., Bryologist 80: 514. 1977.
Willkomm, M., Bot. Centralbl. 44: 432. 1890 (Molendo specimens for sale).

COMPOSITE WORKS: (1) With P. G. Lorentz (q.v), *Beiträge zur Biologie und Geographie der Laubmoose, Moosstudien* 2, 1864.
(2) With Alexander Walther, *Die Laubmoose Oberfrankens*, 1868; see under Walther.

EPONYMY: *Molendoa* S. O. Lindberg (1878).

6202. *Moos-Studien aus den Allgäuer Alpen.* Beiträge zur Phytogeographie von Ludwig Molendo ... Leipzig (In Commission bei Wilhelm Engelmann) 1865. Oct.
Publ.: Oct 1865 ("vor wenig Tagen ..." Flora 31 Oct 1865), p. [i], [1]-163, [164]. *Copies*: B(2), FH, G, NY. – Reprinted and to be cited from Ber. naturh. Ver. Augsburg 18: 77-240. 1865 (reprint with original pagination MO-Steere).
Ref.: Sauter, A., Flora 49: 16, 53-60. 1866 (rev.).
Schlechtendal, D. F. L. von, Bot. Zeit. 24: 39-40. 2 Feb 1866 (rev.).

6203. *Bryologische Reisebilder aus den Alpen,* zunächst aus den Kitzbüchler und Tauern-Gruppen ... Regensburg (Druck der F. Neubauer'schen Buchdruckerei (Krug's Wittwe) 1867. Oct.
Publ.: 1867, p. [i], [1]-123, [124, err.], lit. [1]-12. *Copies*: B, NY. – Reprinted and to be cited from Flora 49: 193-198, 216-220, 225-233, 257-268, 295-304, 305-315, 325-332, 345-348, 361-367, 378-383, 421-432, 443-447, 456-462, 465-475, 506-511, 533-536. 1866; 50: 17-25, 33-41. 1867.

6204. *Bayerns Laubmoose.* Vorlaüfige Uebersicht mit besonderer Rücksicht auf Niederbayern ... Leipzig (In Commission bei Wilhelm Engelmann) 1875. Oct. (*Bayern. Laubm.*).
Publ.: late 1875 or early 1876 (t.p. 1875; p. 14: 1 Jul 1875; "Neu", Hedwigia, Mar 1876; Bot. Zeit. 10 Mar 1876; Rev. bryol. Mai-Jun 1876), p. [1]-278. *Copies*: FH, H, NY. – Reprinted from 9. Ber. naturh. Ver. Passau, 1875, p. 1-276.
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G. K., Bot. Zeit. 34: 160, 223. 1876.
Geheeb, A., Rev. bryol. 3(1): 12-13. Jan-Mar 1876 (ann.).

Molina, Giovanni Ignazio (orig. Juan Ignacio) (1737-1829), Chilean jesuit priest, missionary, botanist and plant collector; to Italy 1768; professor of natural sciences Bologna 1774. (*Molina*).

HERBARIUM and TYPES: Unknown; some material at BOLO.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 335; Barnhart 2: 503; BM 3: 1334, 7: 856; Bossert p. 271; Colmeiro 1: clxxxix; CSP 4: 432; Dryander 1: 257; DSB 9: 458; Frank 3(Anh.): 67; Hegi 1: 277, 5: 775; Hortus 3: 1200 („Mol."); IH 2: 548; Jackson p. 374; Kew 4: 32; PR 6362

(ed. 1: 7074); Rehder 5: 583; RS p. 120; Saccardo 1: 111, 2: 74; SO add. 791c; Tucker 1: 494; Zander ed. 10, p. 693, ed. 11, p. 791.
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Carpenter, M. M., Amer. Midl. Natural. 33(1): 70. 1935 (biogr., refs.).
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Gilbert, P., Comp. biogr. lit. deceased entom. 261-262. 1977.
Fontecilla, A., Rev. chil. Hist. nat. 33: 223-225. 1929 (M. & Parmentier).
Gunckel, H., Ciencias, Bol. Univ. Chile 71/72: 46-53. 1966 (sources for bot. part Saggio) Revista Univ., Univ. catol. Chile 50-51(1): 3-5. 1966 (An. Acad. Chil. Ci. nat. 28-29: 3-5. 1966). See also Rev. chil. Hist. nat. 33: 428-453. 1929 (bibl.).
Hernandez, J., Rev. chil. Hist. nat. 44: 2-3. 1940 (dedic.).
Jaramillo Barriga, R., El abate Juan Ignacio Molina, Santiago de Chile 1963; Revista Univ., Univ. Cat. Chile 52: 85-99. 1967 (An. Acad. Chil. Ci. nat. 30: 85-99. 1967 (on M's Memorie di storia naturale, 1821, 1822)).
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Liebermann, J., Physis 10: 316-321. 1931 (centenary of his death).
Looser, G., Bibl. bot. Chil. 1927 (n.v., fide Verdoorn 1945); Chron. bot. 6(11): 250. 1941 (bicent.).
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MEMORIAL VOLUME: Revista Chilena de Historia natural, vol. 44. 1940 (dedication by J. Hernandez on p. 2-3; portr. on p. 1).

EPONYMY: *Molina* Cavanilles (1790); *Molina* Ruiz & Pavon (1794); *Molina* Gay (1851-1852); *Molinia* Schrank (1789); *Moliniopsis* Hayata (1925); *Neomolinia* Honda et Sakisaka ex Honda (1930). *Notes*: *Molinadendron* Endress (1969) is dedicated to Antonio Molina Rositto (1926-x), Honduran botanist. *Molinaea* Commerson ex A. L. Jussieu (1789) is dedicated to Jean Des Moulins (Johannes Molinaeus) (1530-1622), French physician and botanist, pupil of Dalechamps and Rondelet at Montpellier, who translated the former's *Historia generalis plantarum* into French (cf. TL-2/1297). *Molineria* Colla (1826), *Molineria* Parlatore (1850) and *Molineriella* Rouy (1913) commemorate Ignazio Bernardo Molineri (1741-1818), Italian botanist, director of the botanical garden in Torino.

POSTAGE STAMPS: Chile 2 e. (1968) yv. 326; 1 e. (1968) yv. av. 247.

6205. *Compendio della storia geografica, naturale,* e civile del Regno del Chile. Bologna (nella Stamperia di S. Tommaso d'Aquino . . .) 1776. Oct. (*Comp. storia Chile*).
Publ.: 1776 (imprimatur 5 Feb 1776), p. [i]-viii, [1]-245, [246, impr.], *pl. 1-10*, 2 maps. *Copy*: NY. – Precursor of *Saggio*.

6206. *Saggio sulla storia naturale del Chili* del signor Abate Giovanni Ignazio Molina. In Bologna (Nella Stamperia di S. Tommaso d'Aquino . . .) 1782. Oct. (*Sag. stor. nat. Chili*).
Ed. 1: 12 Oct- 31 Oct 1782 (impr.: 12 Oct 1781), p. [1]-367, [368, err., impr.], map. *Copy*: NY. – See Philippi (1864) for a commentary.
Ed. 2: 1810, frontisp. portr. Molina, p. [i*-vi*], i-v, 1-306, [1-2, err.], map. *Copies*: FI, NY. – see Philippi (1864) (id.).
German: 1786, p. [i-xiv], [1]-328, 1 map. *Copy*: MO. – *Versuch einer Naturgeschichte von Chili* . . . aus dem Italiänischen übersetzt, von J. D. Brandis, . . ." Leipzig (bey Friedrich Gotthold Jacobäer) 1786. Oct. (*Vers. Naturgesch. Chili*). (Joachim Dietrich Brandis 1762-?).

French: 1789, p. [i]-xvi, [1]-351, [352]. *Copies*: FI, MO, NY; IDC 5451. – *Essai sur l'histoire naturelle du Chili* . . . traduit de l'Italien, & enrichi de notes, par M. Gruvel, D. M. À Paris (Chez Neé de la Rochelle, . . .) 1789. Oct. (*Essai hist. nat. Chili*).

Spanish: 1788-1795, 2 vols. *Copy*: UC. – "*Compendio de la historia geografica, natural y civil del reyno de Chile*, escrito en italiano . . . traducida en español por Don Domingo Joseph [vol. 2: por Don Nicolas de la Cruz y Bahamonde] en Madrid" (en la imprenta de Sancha) 1788, 1795. Oct. (*Comp. hist. nat. Chile*). Inf. R. Schmid.

1: 1788, p. [i]-xx, 1-418.

2: 1795, frontisp., [i]-xvi, map, 1-382, [384], 3 charts.

English(1): 1808, 2 vols. *Copies*: NY, UC. – "*The geographical, natural and civil history of Chili*. By abbe don J. Ignatius Molina. Illustrated by a half-sheet map of the country. With notes from the Spanish and French versions, and an appendix, containing copious extracts from the Araucana of Don Alonzo de Ercilla. Translated from the original Italian, by an American gentleman . . . Middletown (Conn.) (printed for I. Riley) 1808. Oct. (in fours). (*Geogr. nat. hist. Chile*).

1: 1808 (registered 11 Aug 1808), p. [i*-viii*], [i]-xii, map, [1]-271, [1].

2: 1808, p. [i*], [i]-viii, [1]-305, [306, err.].

Appendix: 1808, [i]-iv, [5]-68. "An appendix to the civil and political history of Chili, consisting of a sketch of the Araucana of Don Alonzo de Ercilla . . . New York (published by Alsop, Brannan and Alsop, . . .) 1808. Oct. (in fours).

Facsimile ed: s.d., AMS Press. *Copy*: MICH.

English(2): 1809, 2 vols. *Copies*: MICH, MO, NY. – "*The geographical, natural, and civil history of Chile*. Translated from the original Italian . . . to which are added, notes from the Spanish and French versions, and two appendices, by the English editor; the first, an account of the archipelago of Chiloe, . . . P. F. Pedro Gonzalez de Agueros; the second, an account of the native tribes . . . from Falkner's description of Patagonia . . . [London] (Printed for Longman, Hurst, Rees, and Orme, . . .) 1809. Oct.

1: 1809, p. [i]-xx, [1]-321, map.

2: 1809, p. [i]-xii, [1]-385.

Molisch, Hans (1856-1937), Moravian (Austrian) botanist; Dr. phil. Wien 1879; habil. id. 1885; at the Pflanzenphysiol. Inst. Wien 1880-1889; at Graz and Praha 1889-1908; from 1909-1928 director of the Pflanzenphysiol. Inst. Wien. (*Molisch*).

HERBARIUM and TYPES: Some material at PRC and W(?).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 503; BFM 2730, 2794, 2795; BJI 2: 119; BM 3: 1334, 7: 856; CSP 10: 833-834, 12: 515, 17: 308-309; De Toni 4: xl; GR p. 455; Hirsch p. 202; IH 2: 549; Jackson p. 108; Kelly p. 150; KR p. 504; Lenley p. 295; LS 18059-18066, 37053-37055, suppl. 18656-18667; Maiwald p. 247, 281; Moebius p. 454 [index]; MW p. 329; Rehder 5: 583; SK 1: 367; Tucker 1: 494.

Anon., Bot. Centralbl. 23: 171. 1885 (habil. Wien), 39: 367. 1889 (app. Graz), 52: 80. 1892 (member Leopoldina), 53: 271. 1893, 58: 191. 1894 (app. Praha), 71: 335. 1897 (will work at Buitenzorg 1897/1898), 74: 335. 1898 (back from Buitenzorg), 111: 496. 1909 (succeeds Wiesner); Bot. Jahrb. 11, Beibl. 25: 8. 1889, 19 (Beibl. 48): 24. 1894 (ord. prof. anat. physiol. pl. Praha); Hedwigia 50(Beibl. 2): (89). 1910 (app. Wien), 71 (Beibl. 1): (108) 1931 (Berlin Akad.), 73(Beibl. 1): (84). 1933 (Vice-Präs. Akad. Wien), 76(Beibl. 2): (142). 1936 (Darmstadt, Dr. h. c.), 78(Beibl. 1): (74). 1938 (d.); Mikrochemie 23: 127-128. 1937 (d.); Nature 141: 108-109. 1938 (d. 8 Dec 1937); Österr. bot. Z. 59: 455. 1909 (succeeds Wiesner at Univ. Wien), 87: 80. 1938 (d.).

Benedetti-Pichler, A. A. et al., Mikrochemie, Molisch Festschrift 1936, see below.

Bode, H., Gartenflora 78: 66. 1929 (portr.).

Freitag, H., Radiologica 2: 1-3. 1938.

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Krumbiegel, I., Gregor Mendel 139. 1967.

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Poggendorff, J. C., Biogr.-lit. Handw.-Buch 3: 1765. 1938, 7a: 341. 1958 (further biogr. refs.).
Richter, O., Lotos 65: 33-42. 1917 (60. birthday; bibl.); Verh. naturf. Ver. Brünn 60: 115-149. 1927 (70. birthday, portr., rev. publ.), Gartenbauwiss. 1: 297-327. 1929 (portr., rev. publ.).
Verdoorn, F., Chron. bot. 78-79. 1938 (portr., obit., b. 6 Dec 1856, d. 8 Dec 1937).
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6207. *Vergleichende Anatomie des Holzes der Ebenaceen* und ihrer Verwandten ... Wien [k.k. Hof- und Staatsdruckerei], [1879]. Oct.
Publ.: 1879 (submitted 10 Jul 1879), p. [1]-30. *Copy*: G. – Reprinted and to be cited from S. B. Akad. Wiss. Wien 80(1): 54-83. Jul 1879 [publ. Jul-Dec 1879].

6208. *Als Naturforscher in Indien* ... Jena (Verlag von Gustav Fischer) 1930. Oct. (*Naturf. Indien*).
Publ.: 1930, p. [i]-xii, [1]-276. *Copy*: FI. – See also R. Wettstein, Österr. bot. Z. 79: 374. 1930.

Molkenboer, Julianus Hendrik (1816-1854), Dutch botanist; Dr. med. Leiden 1840; practicing physician at Leiden 1840-1854. (*Molk.*).

HERBARIUM and TYPES: L; bryophyte duplicates e.g. at H; Javanese material also at U.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 377; Barnhart 2: 503; BL 2: 440, 692; BM 3: 1334; Bossert p. 271; CSP 4: 433; Herder p. 466 [index]; IH 1 (ed. 6): 362, 2: 549; Jackson p. 375, 385, 396; JW 1: 446, 451, 2: 197, 3: 363, 4: 398; Kew 4: 33; MW p. 329; NI 524-526 (Dozy, Fr.); Oudemans 2: 250-251; PR 6363-6364 (ed. 1: 7049); Rehder 5: 583; SBC p. 127 ("Molk."); Stevenson p. 1251; TL-1/308-310, 867; TL-2/679, 1509-1512, 1513, see Dozy, F.; Tucker 1: 494.
Anon., Alg. Konst. Letterbode 1854: 301; Bonplandia 3: 343. 1855 (cont. Bryol. jav. by Dozy); Flora 38: 160. 1855.
Högrell, B., Bot. Not. 1888: 206.
Molkenboer, J. H., Catalogue de la bibliothèque de feu Mr. J. H. Molkenboer, Leiden 1855, 31 p. (sale library 20 Mar 1855).
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Steenis-Kruseman, M. L., Blumea 25: 37, 38. 1979 (see also p. 93).
Suringar, W. F. R., Eigen Haard 21: 773-774. 1895 (on M., Oudemans and Suringar).
Vriese, W. H. de, Julianus Hendrik Molkenboer, overleden te Leiden den 17 September 1854, [Leiden s.d.], 6 p.
Wachter, W. H., Ned. kruidk. Arch. 55: 26, *pl.* opp. p. 26. 1945 (1947) (portr.).

COMPOSITE WORKS: (1) *Nederlands kruidkundig Archief*, vols. 1-2, 3(1-2). 1846-1854, editor.
(2) Miquel, F. A. W., *Plantae Junghuhnianae, Umbelliferae-Loranthaceae.*
(3) Bosch, R. B. v., *Prodromus florae batavae*, editor of vol. 2(1), see Tl-2/679.
(4) See F. Dozy, TL-2/1509-1512. *Note*: Dozy & Molkenboer, *Musc. frond. archip. ind.*, no. 1509, was published 5-10 Aug 1844 fide Ned. Staatscourant 17 Aug 1844.

EPONYMY: *Molkenboeria* de Vriese (1854).

6209. Specimen medicum inaugurale, *de Colocynthide*, quod, annuente summo numine, ex auctoritate rectoris magnifici ... nec non amplissimi senatus academici consensu, et nobilissimae Facultatis medicae decreto, pro gradu doctoratus, summisque in medicina honoribus et privilegiis, in Academia lugduno-batava rite et legitime consequendis, publico et solemni examini submittit Julianus Henricus Molkenboer. Harlemensis. Ad diem xii Octobris mdcccxl, hora i-ii. In auditorio majori. Lugduni batavorum [Leiden] (apud J. W. van Leeuwen) 1840. Oct. (*De Colocynth.*).
Publ.: 12 Oct 1840, p. [i-viii], [1]-67. *Copy*: U.

6210. *Flora leidensis*. Sive elenchus plantarum spontanearum phanerogamicarum, quae hucusque prope Lugd. Batavorum repertae sunt, secundum ordines naturales digestus ... Accedit clavis generum, secundum systema sexuale Linneanum. Lugduni Batavorum [Leiden] (sumptibus J. W. van Leeuwen) 1840. Oct. (*Fl. leid.*).
Co-author: Coenraad Kerbert, Jac. fil. (1816-1857) (see NNBV 10: 129. 1862).
Publ.: Mar 1840 (fide testimonium by printer, La Lau, in copy FAS; Hinrichs, Leipzig 3-9 Mai 1840; preface Feb 1840), p. [i]-xxxii, [1]-389, [1, err.). *Copies*: FAS, KNAW, L(2), NY, USDA.

Note: no. 6211 has not been assigned.

6212. *Bijdrage tot de flora cryptogamica van Nederland*, door F. Dozy en J. H. Molkenboer ... te Leiden (bij S. en J. Luchtmans) 1844. Oct. (*Bijdr. fl. crypt. Nederland*).
Co-author: François Dozy (1807-1856).
Eerste stuk: Dec 1844, p. [1]-40. *Copy*: KNAW. – Reprinted from Tijdschr. nat. Gesch. Physiol. 11: 376-414. Dec 1844.
Tweede stuk: 1845, p. [1]-22, *pl. V(I), VI(II)* (col. liths. P. M. Trap). *Copy*: KNAW. – Reprinted from id. 12: 257-288. Mar 1846.
Derde stuk: 1846, *in* Ned. kruidk. Arch. 1(1): 46-57. 1846.

6213. *Prodromus florae bryologicae surinamensis* auctoribus F. Dozy et J. H. Molkenboer, ... accedit: Pugillus specierum novarum florae bryologicae Venezuelanae. Haarlem (ediderunt de Erven Loosjes, in commissione apud Arnz & Co. Dusseldorpii) 1854. Qu. (*Prodr. fl. bryol. Surinam.*).
Co-author: François Dozy (1807-1856) (Note: the *Prodromus* should be attributed to "Dozy and Molkenboer").
Publ.: 1854, p. [i], [1]-54, *pl. 1-19* (A. J. Kouwels del.). *Copies*: NY, U. – Natuurk. Verh. Holl. Maatsch. Wet., tweede Verzameling, vol. 10(3), 1854. – Mainly based on the collections made in Suriname by H. C. Focke (1835-1850) and F. L. Splitgerber (1837-1838); original collections all at L.

Moll, Jan Willem (1851-1933), Dutch phytographer; Dr. Phil. Leiden 1876; high school teacher at Utrecht 1876-1890; from then on professor of botany at Groningen and director of the botanical garden until 1917. (*J. Moll*).

HERBARIUM and TYPES: GRO; further material at B and K.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 377; Barnhart 2: 503; BM 3: 1334-1335, 7: 856; CSP 4: 434, 8: 424, 10: 834, 12: 515, 17: 309; Hirsch p. 202; IH 2: 549; Jackson p. 73, 81; JW 1: 446, 2: 197; Kew 4: 33-34; LS 37056-37057; Morren ed. 10, p. 91; Rehder 5: 583; SO 895; Tucker 1: 494; Urban-Berl. p. 376.
Andreas, Ch. H., In en om een botanische tuin, Hortus groningianus 1626-1966, p. 166, 168, 169-178, 179, 185. 1976.
Anon., Nat. Nov. 12: 424. 1890 (app. Groningen); Österr. bot. Z. 40: 466. 1890 (app. Groningen).
Itallie-v. Embden, W. v., Nieuwe Rotterd. Courant 12 Jun 1926.
Jackson, B. D., Bull. misc. Inf. Kew 1901: 46 (Papaverac. at K).
Moll, J. W., Herb. Hort. bot. Groningen 19, 33. 1918 (herb.).
Schoute, J. C., Nieuwe Rotterdammer Courant 2 Jun 1931; In memoriam Prof. Dr. J. W.

Moll 3 Junie 1851 – 24 Sept 1933, s.l.n.d., 5 p. (portr.); Ned. kruidk. Arch. 44: 105-109. 1934 (obit., d. 24 Sep 1933, portr.).
Sirks, M. J., Ind. natuurond. 208. 1915.
Wachter, W. H., Ned. kruidk. Arch. 55: 98. 1945 (1947) (portr.).

THESIS: *De invloed van celdeeling en celstrekking op den groei*, Utrecht (L. E. Bosch en Zoon) 1876, Oct. p. [i-iv], [1]-88, [89-90], *2 pl. Copy*: FI. (defended at Leiden 13 Jun 1876).

6214. *Handboek der Plantbeschrijving* ... Groningen (J. B. Wolters) 1900. Oct. (*Handb. Pl.-beschr.*).
Ed. 1: Nov 1900 (Bot. Centralbl. 5 Dec 1900; Nat. Nov. Dec(2) 1900; Bot. Zeit. 1 Mar 1901), p. [i]-viii, 1-143. *Copies*: BR, U.
Ed. 2: 1912 (preface 30 Dec 1911; Nat. Nov. Apr(1) 1913), p. [i-iii], 1-168. *Copy*: U.
Ed. 3: 1916 (p. 8: 27 Dec 1915), p. [i,iii], [1]-196. *Copies*: FAS, U.

6215. *Rapport sur quelques cultures de Papavéracées*, faites dans le Jardin botanique de l'Université de Groningue (Pays-Bas), pendant les années 1892 et 1893, ... Bois-le-Duc (s'-Hertogenbosch) (Robijns & Cie.) 1894. Oct. (*Rapp. Papaver.*).
Co-authors: A. Fiet (x-1921), W. Pijp.
Publ.: Jan-Mar 1894 (Nat. Nov. Apr(1) 1894), p. [1]-22. *Copy*: FI.

6216. *Mikrographie des Holzes* der auf Java vorkommenden Baumarten, im Auftrage des Kolonial-Ministeriums, unter Leitung von Dr. J. W. Moll ... bearbeitet von H. H. Janssonius, im Anschlusz[sic] an "Additamenta ad cognitionem florae arboreae javanicae, auctoribus S. H. Koorders et Th. Valeton", ... Leiden (Buchhandlung und Druckerei vormals E. J. Brill) 1906-1936, 6 vols. (*Mikrogr. Holz.*).
Authorship: J. M. Moll provided the general part (Einleitung), Hendrik Hayo Janssonius (1874-?) was the author of the main part of the text. For Koorders and Valeton, to whose *Bijdr. boomsoort. Java* the *Mikrogr. Holz.* is complementary, see TL-2/3862.

1(1): Dec 1906, p. [1]-368.
1(2): late 1908, p. [i-iii], 369-568, [1, err.].
2(2): 1908 or 1909, p. [1]-160.
2(3): Jan-Apr 1911 (US rd. 9 Mai 1911), p. 161-540.
3(4): 1914, p. [1]-336.
3(5): 1918, p. 337-764.
4(6): early Jan 1920 (US rd. 18 Jan 1920), p. [1]-288.
4(7): Jan-Mar 1925 (US rd. 7 Apr 1925), p. [i, err.], 289-576.
4(8): Jan-Jun 1926 (US rd. 21 Jun 1928), p. 577-874.
5(9): 1928 (US rd. 31 Oct 1928), p. [i-iii], [1]-292.
5(10): 1930, p. 293-835, [836, err.].
6(11/12): 1934, p. [1]-288.
6(13): Feb-Mar 1936 (p. 611: Jan 1936, US rd. 16 Apr 1936), p. 289-611 (828?).
Index: 1936 (US rd. 4 Dec 1936), p. [i-iv], [1]-94.
Copy: US. – Our data are incomplete and require further checking.

6217. *Het herbarium van den Hortus botanicus der Rijks-Universiteit te Groningen.* Korte beschrijving en aanwijzingen voor het gebruik ... Groningen (Boekdrukkerij M. de Waal) 1918. Oct. (*Herb. Groningen*).
Publ.: 1918, p. [i, iii], [1]-38, [1.] loose, on herb. *Copies*: FAS, GRO.

6218. *Botanical pen-portraits* ... The Hague ['s-Gravenhage] (Martinus Nijhoff) 1923. Oct. (*Bot. pen-portr.*).
Co-author: Hendrik Hayo Janssonius (1874-?).
Publ.: Jan-Apr 1923 (Nat. Nov. Mai 1923), p. [iii]-viii, [1]-472. *Copy*: U.

6219. *Phytography as a fine art*, comprising Linnean description, micrography and penportraits ... Leiden (E. J. Brill ...) 1934. Oct. (*Phytography*).
Editor: Johannes Cornelis Schoute (1877-1942).
Publ.: 1934 (p. xiv: Jul 1934; Nat. Nov. Feb 1935),[iii]-xix, [1]-534, *pl. 1-7*. *Copies*: MO, U.

Ref.: Rendle, A. B., J. Bot. 73: 141-142. 1935.

Moll, Karl Maria Ehrenbert, Freiherr **von** (1760-1838), German scientist, director of the mathematical-physical class of the Kgl. bayerische Akademie der Wissenschaften at München. (*K. Moll*).

HERBARIUM and TYPES: BR; duplicates at AWH and IBF.

BIBLIOGRAPHY and BIOGRAPHY: ADB 22: 111-115; Barnhart 2: 503; BM 3: 1334, 7: 856; CSP 4: 434-435, 8: 424; DTS 1: 198-199; Dawson p. 98, 99; GR p. 455; IH 2: 549; Lasègue p. 336, 337, 460; SO 1736; WU 19: 2-8.
Anon., Flora 21: 80. 1838.
Hausmann, F. von, Fl. Tirol 1169. 1854.
Martius, C. P. v., Akad. Denkreden 95-112. 1866.
Schlechtendal, D. F. L. v., Linnaea 19(2): 175. 1843 (d. 31 Jan 1838).
Schrank, F. von, Prim. fl. Salisburgensis 1792 (dedicated to M, with frontisp. portr.).
Urban, I., Symb. ant. 3: 88. 1902.
Voigt, A., Bot. Inst. Hamburg 12. 1897.

COMPOSITE WORKS: (1) Franz von Paula Schrank & K. E. Moll, *Naturhistorische Briefe über Oestreich*, 2 vols., Salzburg 1785, see under Schrank.
(2) Editor of Annalen [subseq. Ephemeriden and Neue Jahrbücher] der Berg- und Hüttenkunde 21 vols., 1797-1812.

EPONYMY: *Mollia* Schrank ex S. O. Lindberg (1878). *Note*: *Mollera* O. Hoffmann (1890) and *Molleriella* G. Winter (1886) are dedicated to Adolpho Frederico Moller (1842-1920), German-born Portuguese botanist, inspector of the botanical garden of Coimbra, student of the flora of the island of Saõ Tomé. *Mollia* J. F. Gmelin (1791, *nom. rej.*), *Mollia* Willdenow (1803), and *Mollia* C. F. P. Martius (1826, *nom. cons.*), are dedicated to L. B. von Moll, Bavarian politician. *Molliardia* Maire & Tison (1911) is dedicated to Marin Molliard (1866-1944), French plant physiologist and pathologist. *Mollinedia* Ruiz & Pavon (1794) is dedicated to Francisco de Mollinedo, Spanish chemist, working in the botanical garden of Madrid. *Molloya* C. F. Meisner (1855) is dedicated to Georgiana Molloy née Kennedy (1805-1843), English-born wife of an Australian government-officer. She collected many plants in W. Australia.

Molon, Francesco (1820-1885), Italian palaeobotanist at Vicenza (*Molon*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 504; BM 3: 1335; Bossert p. 271; CSP 4: 438, 8: 425, 10: 834, 12: 516, 17: 311; Kew 4: 34; PR 6365; Quenstedt p. 299; Saccardo 1: 112, 2: 74.
Anon., Bull. di Paleontol. ital. 11: 64. 1885 (bibl.).

EPONYMY: The name *Molongum* M. Pichon (1948) is a latinised version of the Brazilian vernacular plant name Molongo.

6220. *Sulla flora terziaria delle Prealpi Venete* considerazioni in rapporto alla genesi della flora viviente ed alle anteriori condizioni fisico-geografiche ... Milano (coi tipi di Giuseppe Bernardoni) 1867 [1868]. Qu. (*Fl. tert. Prealpi Ven.*).
Publ.: Jan 1868 (p. 3: 15 Jan 1868; t.p.: 1867), p. [1]-140. *Copies*: FI, G, US. – Memorie Soc. ital. Sci. nat. 2(3), 1867 (1868).

Moloney, Sir Cornelius **Alfred** (1848-1913), British colonial administrator in W. Africa from 1867; governor of Lagos 1887-1891; in the West Indies 1891-1904. (*Moloney*).

HERBARIUM and TYPES: K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 504; BB p. 218; BL 1: 62, 309; BM 3: 1335; CSP 17: 311; IH 2: 550; Rehder 5: 583; Tucker 1: 494; Urban-Berl. p. 376.

Anon., Geogr. J. 501-502. 1913 (d.).
Jackson, B. D., Bull. misc. Inf. Kew 1901: 47 (410 specimens at K).
Moloney, C. A. et al., Bull. misc. Inf. Kew 1888: 149-156. (documents on botanical station at Lagos).

6221. *Sketch of the forestry of West Africa* with particular reference to its present principal commercial products . . . London (Sampson Low, Marston, Searle, & Rivington, . . .) 1887. Oct. (*Sketch for. W. Africa*).
Publ.: Jan-Mai 1887 (J. Bot. Jun 1887; Nat. Nov. Jun(2) 1887), p. [i]-vi, [1]-533. *Copies*: B, BR, MICH, MO, NY. – List of economic plants by John Masters Hillier (c. 1861-1930) on p. 269-458.

Monckton, Horace Woollaston (1857-1931), British barrister, botanist and geologist in Berkshire; treasurer of the Linnean Society 1905-1930. (*Monckton*).

HERBARIUM and TYPES: RNG; other material OXF.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 504; BL 2: 229, 268, 692; BM 7: 858; Clokie p. 213; CSP 10: 835, 17: 316-317; Desmond p. 445; IH 2: 551; Kew 4: 36; Quenstedt p. 299-300.
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6222. *The flora of the Bagshot district*, the area of the main mass of the Bagshot sands . . . London (printed for the author) 1916. Qu. (*Fl. Bagshot distr.*).
Publ.: Feb-Apr 1916 (p. 6: 1 Jan 1916; J. Bot. Mai 1916), p. [1]-32. *Copies*: MO, NY.
Ref.: Britten, J., J. Bot. 54: 94-95. 1916.

6223. *The flora of* the district of *the Thames valley drift* between Maidenhead and London . . . London (printed for the author/Spottiswoode, Ballantyne & Co. Ltd. . . .) 1919. Oct. (*Fl. Thames valley drift*).
Publ.: Jan-Feb 1919 (J. Bot. Feb 1919), p. [1]-81. *Copy*: E.-Inf. J. Edmonston.
Ref.: Britten, J., J. Bot. 57: 47-48. 1919.

Monguillon, Eugène Louis Honoré (1865-1940), French teacher and cryptogamist; at various schools in the département Sarthe; after 1923 retired at Mans. (*Mong.*).

HERBARIUM and TYPES: COLO; other material BR, DBN, E, PC, W.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 505; BM 3: 1337, 5: 2093; CSP 17: 319; GR p. 288, cat. p. 68; Hawksworth p. 184; IH 2: 551 (both entries); Kew 4: 36; LS 18094-18095, 37081, suppl. 18736; SBC p. 127 ("Mong.").
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Sayre, G., Bryologist 80: 514. 1977 (2000 at COLO).
Synnott, D. M., Glasra 4: 26. 1980 (bryoph. DBN).

COMPOSITE WORKS: With I. Thériot (q.v.), *Muscinées du Département de la Sarthe*, Le Mans 1899.

6224. *Catalogue descriptif des lichens du département de la Sarthe.* Le Mans (imprimerie de l'Institut de bibliographie ancienne Maison Monnoyer . . .) 1901. Qu.
Publ.: Sep-Nov 1901 (Bot. Centralbl. 22 Nov 1901; Nat. Nov. Dec(1) 1901; p. 180: Aug

1901), cover, p. [1]-180. *Copies*: FH, Stevenson. – To be cited from Bull. Acad. int. Géogr. bot. vols. 8-11, as follows:
8: 79-86, 1 Feb; 105-108, 1 Mar; 113-117, 1 Apr; 155-163, 1 Jun; 203-209, 1 Jul; 213-219, 1 Sep; 251-258, 1 Oct; 282-285, 1 Nov; 310-318, 1 Dec 1899.
9: 53-56, 1 Feb; 79-84, 1 Mar; 118-128, 1 Mai; 149-152, 1 Jun; 168-176, 1 Jul; 199-208, 1 Sep; 240-248, 1 Nov; 275-280, 1 Dec 1900.
10: 16-24, 1 Jan; 41-48, 1 Feb; 56-57, 1 Apr; 110-120, 1 Mai; 236-240, 1 Oct; 260-263, 1 Nov; 287-296, 1 Dec 1901.
11: 33-40, 1 Jan; 113-128, 1 Apr; 274-275, 1 Aug 1902.
Premier supplément: [le Mans 1906] (p. 1: Dec 1905), p. [1]-30. *Copy*: Stevenson. – To be cited from Bull. Acad. int. Géogr. bot. 15: 153-182. Aug-Sep 1906.
Deuxième supplément: [Le Mans, 1914], (p. [186]: Dec 1913, imprimatur 25 Mai 1914), Bull. Acad. int. Géogr. bot. 23: 186-204. 1914. *Copy*: Stevenson.
Troisième supplément: [Le Mans 1938], (p. 125: 20 Jun 1938), p. [113]-154. *Copy*: Stevenson. – Reprinted from Bull. Soc. Agric. Sarthe Ser. 3, 7: 113-154. 1938.

Monnard, Jean Pierre (1791-?), Swiss botanist and high school teacher at Nyon. (*Monnard*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 505; CSP 4: 442; Hortus 3: 1200; PR (alph.) (ed. 1: 7064), TL-2/1971-1972.

COMPOSITE WORKS: Edited Gaudin, *Syn. fl. Helv.*, 1836, see TL-2/1972.

6225. *Observations sur quelques crucifères* décrites par M. Decandolle dans le second volume de son Systema naturale regni vegetabilis; par J. P. Monnard, . . . avec des notes de M. Gay . . . à Paris (chez Crochard, . . .) 1826.) Oct.
Collaborator: Claude Gay (1800-1873).
Publ.: Apr 1826, p. [1]-31, with special cover. *Copies*: FI, G(2). – Reprinted and to be cited from Ann. Sci. nat. 7: 389-419. 1826.

Monnet, Paul-Louis (x-1915), French botanist, consul-general of France in San Francisco 1912; died on the battle fields of France in World War I. (*Monnet*).

HERBARIUM and TYPES: Material at CAS and P.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 505; BJI 2: 119; IH 2: 551; MW p. 330.
Monnet, P.L., La Géographie 30: 408-411, 493. 1915 (letter on American desert written 7 Jun 1915 at Épinal, in active service, followed by a note on his death on 26 Oct 1915 "blessé mortellement en réparant une ligne téléphonique sous un bombardement intense"; see also note reprinted from Dec 1915 issue reprinted on p. [10] of his La Californie).

6226. Explorations botaniques. *La Californie* et les grands déserts américains. Notes et études. Avec une préface de M. Gaston Monnier . . . publié par les soins de Raphaël Monnet . . . Paris (Librairie générale de l'enseignement, . . .) [1915]. 16-mo. (*La Californie*).
Preface (biogr. note) by: Gaston Eugène Marie Bonnier (1851-1922) on p. 7-9; on p. [10] a note on M's death reprinted from La Géographie 1915(6). Dec 1915.
Publ.: Dec 1915, p. [3]-244, [1, cont.], *pl. 1-32*, frontisp. portr. of author. *Copies*: MO, US.

Monnier, Auguste. (1800-?), French botanist at Nancy. (*Monnier*).

HERBARIUM and TYPES: NCY.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 237; Barnhart 2: 505; BM 3: 1337; CSP 4: 443; Herder p. 304; IH 2: 551; Jackson p. 133; Kew 4: 37; Langman p. 518-519; PR 6369 (ed. 1: 7066).
Candolle, Alph. de, Phytographie 434. 1880 (herb. NCY).

6227. *Essai monographique sur les Hieracium* et quelques genres voisins. Nancy (de l'imprimerie de C.-J. Hissette) 1829. Oct. (in fours). (*Ess. monogr. Hieracium*).
Publ.: Oct-Dec 1829 (BF 19 Dec 1829; Flora Sep-Oct 1830), p. [1]-92, *pl. 1-5*. *Copies*: FI, G, L, MO, NY(2), PH.
Ref.: Heinhold, G., Lit. Ber. Flora 1: 49-63. Jan-Feb 1831.

Monroe, Charles Edwin (1857-1931), American botanist, LL.B. Univ. Mich. 1880; lawyer at Elyria (1880-1881), Washington, D.C. 1881-1884 and Madison, Wisconsin 1884-1930; at Oberlin 1930-1931. (*Monroe*).

HERBARIUM and TYPES: MIL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 505; CSP 17: 322; IH 2: 552; Pennell, p. 614. Benke, H. C., Torreya 36: 117-123. 1936 (studies on the Monroe coll. of Aster at MIL; b. 28 Mar 1857, d. 12 Mai 1931; biogr. notice by A. F. Fuller on p. 117).

Montagne, Jean Pierre François Camille (1784-1866), French crytogamist; military physician 1815-1830; afterwards private scientist at Paris. (*Mont.*).

HARBARIUM and TYPES: His cryptogamic herbarium numbering 15.000 specimens and containing many of his types was received by PC in 1866. Some of Montagne's types are in collections by Hampe, Wilson and Bescherelle which were acquired by BM. Most of the phanerogams from Montagne's herbarium were acquired by J. de Parseval-Grandmaison, whose herbarium is at LY. Types of lichens and bryophytes from the Canary Islands are in the Webb herbarium at FI.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 61, 116, 155, 215, 237, 345; Barnhart 2: 506; BL 1: 225; BM 3: 1338-1339; Bossert p. 272; Cesati p. 271; Clokie p. 213; Colmeiro 1: clxxxix; CSP 4: 446-449, 8: 427, 12: 517; De Toni 1: lxxxvi, 2: lxxxi, 4: xl; Frank 3(Anh.) 67; GR p. 289, *pl.* [*30*], cat p. 68; Hawksworth p. 184, 196; Herder p. 467; IH 1(ed. 6): 362, 2: 552; Jackson p. 148, 316, 340, 369, 370, 378; Kew 4: 37-38; KR p. 504; Kremp. 2: 188-192; Lasègue p. 102, 265, 289, 293, 296, 320, 545; LS 18106-18168, 37087-37090; Moebius p. 67, 94, 104; MW p. 330; NI 1471 (Orbigny), 1712-1714 (Sagra), 2116-2118 (Webb); Nordstedt p. 23; PR 6371-6385 (ed. 1: 7069-7100); Rehder 5: 584; RS p. 120; Saccardo 1: 180, 2: 74; SBC p. 127 ("Mont."); Stevenson p. 1251; TL-1/see p. 522; TL-2/412, 461, 1557, 1598, 1969, 1975, 2965; Tucker 1: 495; Urban-Berl. p. 289, 308.
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Candolle, Alph. de, Phytographie 434. 1880.
Cap, P. A., Camille Montagne, Paris 1866, 98 p. (portr., bibl., extracts letters; mainly based on a mss. autobiogr.).
Costantin, J., Ann. Sci. nat., Bot. ser. 10. 16: xl-xli. 1934.
Dismier, G., Rev. bryol. 48: 28-29. 1921 (on herb. at PC).
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Montagne, J. P. F. C., Syll. gen. sp. crypt. xv-xviii. 1856 (bibl.).
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Schlechtendal, D. F. L. von, Bot. Zeit. 24: 128. 1866.
Seemann, B., Bonplandia 1: 34, 52, 187. 1853; J. Bot 4: 64. 1866.
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Wittrock, V. B., Acta Horti Berg. 3(2): 115. 1903, 3(3): 108, *pl. 141*. 1905 (portr., b. 15 Feb 1784, d. 5 Jan 1866).

COMPOSITE WORKS: (1) Bélanger, C. P., *Voy. Indes Or.*, see no. 412.
(2) Berkeley, M. J., *Not. Brit. fung.*, collaborator, see no. 460.
(3) Dumont d'Urville, J. S. C., *Voy. Pôle Sud, Pl. cell.*, see no. 1557 (other *copy*: BR).
(4) Gaudichaud-Beaupré, C., *Voy. Bonite Bot., sect 2*, see no. 1969.
(5) Miquel, F. A. W. et al., *Pl. Jungh.*, fasc. 4: 427-494. Lichenes (with R. B. van den Bosch).
(6) Webb, P. B. & S. Berthelot, *Hist. nat. Iles Canaries*, 3(2), sectio ultima, 1840, publ. 1841, p. [i*], [i]-xv, [1]-208, *pl. 1-9*, is by Montagne, see under Webb & Berthelot.
(7) Gay, *Fl. Chil.* vols. 7 and 8, see no. 1975.
Montagne contributed treatments of cryptogams to numerous works. For a full review see his *Syll. gen. Sp. crypt.* (1856), p. xv-xviii and the indexes to TL-2.

EPONYMY: *Montagnea* E. M. Fries (1835); *Montagnella* Spegazzini (1881); *Montagnellina* F. von Höhnel (1912); *Montagnina* F. von Höhnel (1910); *Montagnites* E. M. Fries (1838); *Montagnula* Berlese (1896). *Note*: *Montagnaea* A. P. de Candolle (1836) is not dedicated to Montagne. It is an illegitimate correction of *Montanoa* La Llave et Lexarza (1825), which commerorates Luis Montaña (1755-?), Mexican physician and botanist. De Candolle corrected the spelling to reach a better correspondence with the pronunciation of the name Montaña, and to avoid confusion with the name Montano.

6228. *Notice sur les plantes cryptogames* à ajouter à la flore française [Paris 1833-1836]. Oct.
Publ.: A series of papers in *Arch. Bot.*, *Guillemin* and *Ann. Sci. nat.*, *Bot.*, in part reprinted with independent pagination. To be cited from journals.
1: Arch. Bot. Guillemin 1: 125-142. 11 Feb, 212-227. 11 Mar, 1833 (ferns, mosses, hepat.).
2: Arch. Bot., Guillemin 2: 6-21. 15 Jul, 289-309. 21 Oct, 1833, reprinted p. [1]-38, *pl. 11, 15*. *Copy*: BR (lichens).
3: Ann. Sci. nat., Bot. ser. 2. 1: 295-307, Mai 1834 (Acad. d. 25 Aug 1834), 337-349. Jun 1834 (Akad. rd. 3 Nov 1834).
4: Ann. Sci. nat., Bot. ser. 2. 5: 280-291. Mai 1836, 337-348. Jun 1836, 6: 28-36. Jul 1836. Reprinted p. [1]-32, *pl. 12, 13*. *Copy*: FH (fungi).
5: Ann. Sci. nat., Bot. ser. 2. 6: 321-339. Dec 1836. Reprinted p. [1]-19, *pl. 18*. *Copy*: FH (err. dated 1837). (algae and suppl.).

6229. *Énumération des mousses et des hépatiques recueillies par M. Leprieur*, dans la Guiane

centrale, et description de plusieurs nouvelles espèces de ces deux familles ... [Paris 1835]. Oct. (*Énum. mousses Leprieur*).
Collector: F. R. Leprieur (x-1869).
Publ.: Apr 1835, p. [1]-27. *Copies*: FH, H. – Reprinted from Ann. Sci. nat., Bot. ser 2. 3: 193-219, *pl. 3, 4*. 1835.

6230. *Jungermanniearum herbarii Montagneani species* exposuerunt C. G. Nees ab Esenbeck et C. Montagne. [Paris 1836]. Oct. (*Jungermann. Montagn.*).
Co-author: Christian Gottfried Daniel Nees von Esenbeck (1776-1858).
Publ.: Jan 1836, p. [1]-21. *Copy*: FH. – Reprinted from Ann. Sci. nat. ser. 2. 5: 52-72, *pl. 1-2*. 1836. – Jan issue of journal rd. 6 Jun 1836 by Soc. géol. France (reprint = preprint?).

6231. *Mémoire sur le genre Pilobole*, et sur une nouvelle espèce découverte by C. Montagne, D. M. [Lyon 1836]. Oct. (*Mém. Pilobole*).
Publ.: 1836, p. [1]-7, 1 hand col. lith. by author. *Copies*: FH, G, MICH, NY. – Reprinted from Ann. Soc. Linn. Lyon 1: 135-141. 1836.

6232. *Centurie i-ix de plantes cellulaires* nouvelles tant indigènes qui'exotiques. Reprint 1970. Amsterdam (Linnaeus Press) 1970. Oct. (*Cent. pl. cell.*).
Publ.: 1970, ISBN 90-6105-021-9, p. [i-v], 1-670, *pl. 1-20*. *Copy*: FAS. – A consolidated reprint of a series of articles originally published in the *Annales des Sciences naturelles, Botanique*, 1837-1860 as follows.

Cent.	nos/dec	ser.	vol.	pages	pages repr.	*pl.*	*pl.* repr.	dates
1	1-65	2	8	345-370	1-26			Dec 1837
	66-100		9	38-57	27-46	*5-6*	*1-2*	Jan 1838
2	dec. 1-2		13	193-207	47-61	*5-6*	*3-4*	Apr 1840
	,, 3-5		13	339-359	62-82			Jun 1840
	,, 6-8		14	321-350	83-112	9-20	5-6	Dec 1840
	,, 9		16	108-128	113-133			Aug 1841
	,, 10		16	266-282	134-150	*16-17*	*7-8*	Nov 1841
3	,, 1-4		17	119-128	151-160			Feb 1842
	,, 5-8		18	241-256	161-176	*7*	*9*	Oct 1842
	,, 5-8		18	257-282	177-202			Nov 1842
	,, 9-10		19	53-85	203-235	*2*	*10*	Feb 1843
4	,, 1-6		19	238-256	236-254	*8-9*	*11-12*	Apr 1843
	,,			257-266	255-264			Mai 1843
	,, 7		20	294-306	265-277	*12*	*13*	Nov 1843
	,, 8-10		20	352-379	278-305	*15-16*	*14-15*	Dec 1843
5	,, 1-6	3	4	86-123	306-343	*5*	*16*	Aug 1845
	,, 7-10		4	346-367	344-365	*14*	*17*	Dec 1845
6	,, 1-2		10	106-128	366-388	*6*	*18*	Aug 1848
				129-138	389-396			Sep 1848
6	,, 3-6		11	33-66	397-430			Jan 1849
	,, 7		11	235-246	431-442			Apr 1849
	,, 8-10		12	285-320	443-478			Nov 1849
7	,, 1-10		5	333-374	479-520			Jun 1856
8	,, 1-3	4	6	179-199	521-541			Oct 1856
	,, 4-5		7	134-153	542-561			Mar 1857
	,, 6-7	4	8	285-310	562-587			1857
	,, 6-7		9	53-68	588-603			Feb 1858
	,, 8		9	142-163	604-625			Mar 1858
	,, 9-10		12	167-192	626-650			Sep 1859
9	,, 1-2		14	167-185	652-670	*10-11*	*19-12*	Sep 1860

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Cent. 1, nos. 1-100: [1]-46, Dec 1837 and Jan 1938.
Cent. 2, dec. 1-2: [1]-15, id., Apr 1840.
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Cent. 2, dec. 1-5: [1]-68, plates with orig. nos., Apr and Jun 1840.
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Ref.: Stafleu, F. A., Taxon, 19: 633. 1970.

6233. *Monographie du genre Conomitrium*, de la famille des mousses, ... [Extrait des Annales des Sciences naturelles (Octobre 1837)]. Oct.
Publ.: Oct 1837 (t.p. reprint), p. [1]-16, *pl. 4. Copies*; FI, H. – Reprinted and to be cited from Ann. Sci. nat., Bot., ser. 2. 8: 239-252. Oct 1837.

6234. *Des organes mâles du genre Targionia* découverts sur une espèce nouvelle du Chili, ... [Extrait des Annales des Sciences naturelles. (Février 1838)]. Oct.
Publ.: Feb 1838 (t.p. reprint), p. [1]-15, *pl. 5. Copies*: FI, H. – Reprinted and to be cited from Ann. Soc. nat., Bot. ser. 2. 9: 100-114. 1838. See also C. R. Acad. Sci., Paris 6: 197-198. 1838, Proc. Verb. Soc. philom., Paris 1838: 26-28.

6235. *De l'organisation et du mode de reproduction des Caulerpées*, et en particulier du Caulerpa Webbiana, espèce nouvelle des îles Canaries, ... ["Des Annales des sciences naturelle", sic, Mars 1838]. Oct.
Publ.: Mar 1838, p. [1]-22, *1 pl. Copy*: FI. – Reprinted and to be cited from Ann. Sci. nat., Bot. ser. 2. 9: 129-150. Mar 1838. See also C. R. Acad. Sci., Paris 5: 427-429. 1837 (reprint, p. [1]-3, at FI).

6236. *Cryptogames algériennes*, ou plantes cellulaires recueillies par M. Roussel aux environs d' Alger, ... [Extrait des Annales des Sciences naturelles Novembre-Décembre 1838]. Oct.
Publ.: Dec 1838, p, [1]-23, *2 pl. Copy*: FI. – Reprinted and to be cited from Ann. Sci. nat., Bot. ser. 2. 10: 268-278. Nov 1838, 334-345. Dec 1838. The journal fascicles are dated; however, they appeared sometimes later than in the month for which they were scheduled. We do not know whether the numerous Montagne reprints from this journal with independent pagination were in fact preprints.

6237. *Voyage dans l'Amérique méridionale* par M. Alcide d'Orbigny *Botanique* Sertum patagonicum et Florula boliviensis. Cryptogamie par Camille Montagne, ... [Paris] 1839. Qu. (*Voy. Amér. mérid., Bot.*).
Publ.: 1834-1840, p. [i-iv], [*Sertum*:] [1]-19, *pl. 1-7*, [*Florula*:] [*1*]-*119*, *pl. 1-16*(?) (plates by Ed. Riocreux). *Copies*: FI, MICH, MO, NY, Stevenson. – Reprinted from Alcide d'Orbigny, Voyage dans l'Amérique méridionale, vol. 7(1,2), Cryptogamie. The *Voyage* came out in various parts as follows: *Sertum patagonicum, cryptogames de la Patagonie*, text p. 1-16, 1839(?), 17-19 [= livr. 48] 1840; *pl. 1-3* [= livr. 45] 1839.
Florula boliviensis. Cryptogames de La Bolivia:

text pages	livr.	year	*plates*	livr.	year
1-16	44	1839	*1*	16	1834
17-40	45	1839	*2,4,5,6*	19	1835
41-72	46	1839	*3*	21	1836
73-104	47	1839	*7*	22	1836
105-119	48	1840	*11-16*[?]	24	1836

text pages	livr.	year	*plates*	livr.	year
			8,9	39	1836
			10,11	40	1839
			13	43	1839

The above dates are taken from a copy in its original covers. It is possible, however, that some of the dates on the covers did not coincide with the actual dates of publication. Montagne wrote to W. J. Hooker on 3 Mar 1837, with respect to the Florula boliviensis, "... les algues dont il a paru 6 planches, le 7e paraît ces jours-ci," whereas in the above list plate 7 is given as having appeared in 1836. Further investigation of the actual dates of publication of the livraisons is necessary. – The copies vary with respect to the number of plates. The above list is based on the data provided by Sherborn and Griffin.
Ref.: Sherborn, C. D. and Griffin, F. J., Ann. Mag. nat. Hist. ser. 10.13: 133. 1934.

6238. *Cryptogamae brasilienses* seu plantae cellulares quas in itinere per Brasiliam à celeb. Auguste de Saint-Hilaire collectas recensuit observationibusque nonnullis illustravit, ... [Paris] 1839. Oct. (*Crypt. bras.*).
Collector: Auguste François César Prouvençal de Saint-Hilaire (1779-1853); material at PC.
Publ.: Jul 1839, p. [1]-14, *pl. 1*. *Copy*: NY. – Reprinted from Ann. Sci. nat., Bot. ser. 2. 12: 42-55. 1839.

6239. *Considérations succinctes sur la tribu des Laminariées,* de la sous-famille des Fucacées, et caractères sur lesquels est établi le nouveau genre Capea, appartenant à la même tribu. – [Paris 1840]. Oct.
Publ.: Jul 1840 (reprints dated), p. [1]-7. *Copies*: FH, NY. – Reprinted and to be cited from Ann. Sci. nat., Bot., ser. 2. 14: 48-54. Jul 1840. The paper was read 11 Jul 1840 and appeared in the July issue of the *Annales*. We have no indication that the date on the journal and the reprint is erroneous.

6240. *Du genre Xiphophora,* et, à son occasion, recherches sur cette question: trouve-t-on dans les Fucacées les deux modes de propagation qu'on observe chez les Floridées? [Paris] 1842. Oct.
Publ.: Oct 1842, p. [1]-7. *Copy*: FH. – Reprinted and to be cited from Ann. Sci. nat., Bot. ser. 2. 18: 200-206. 1842.

6241. *Esquisse organographique et physiologique sur la classe des champignons* ... Paris (Arthus Bertrand, ...) 1841. Oct. (*Esq. org. phys. champ.*).
Publ.: 1841 (p. 56: 1 Feb 1841), p. [1]-56. *Copy*: WU. – Inf. W. Gutermann. – Apparently a preprint of the corresponding text in Hist. phys. Cuba, Bot., Pl. Cell. 239-291. 1842.
German: 1844, p. [i]-x, [1]-67. *Copies*: NY, Stevenson. – *Skizzen zur Organographie und Physiologie der Classe der Schwämme* ... Übersetzt und mit einigen Anmerkungen versehen von J. D. C. Pfund [x-1816], Prag (J. G. Calve'sche Buchhandlung) 1844. Oct.
Spanish: s.d. (1845[?], 30 p. (n.v.), *Bosquejo organográfico y fisiologico de la classe de los hongos.* Copy mentioned by J. A. Conde, Hist. bot. Cuba 88. 1958; text taken from *Criptogamia, in* Sagra, *Hist. fis. Cuba, Hist. nat.* 9, Botanica, p. 153-181.

6242. *Histoire physique, politique et naturelle de l'île de Cuba* par M. Ramon de la Sagra, ... *Botanique. – Plantes cellulaires,* par Camille Montagne. Paris (Arthus Bertrand, éditeur, ...) 1838-1842 [i.e. 1842]. Oct. (*Hist. phys. Cuba, Bot., Pl. Cell.*).
Publ.: late 1842, at any rate after 1841, p. [i*-v*], [i]-x, [1]-549. *Copies*: G, MO, NY, Teyler; IDC 5707.
Atlas: see Sagra: Cryptogamie *pl. 1-20* belong to the *Pl. cell.*
Note: The original, french, version was not published until 1842. Montagne (Ann. Sci. Nat. ser. 2. 17. 119. footnote, Feb 1842) made it clear himself that by Feb 1842 nothing had been published. [See also C. Montagne by Cap, p. 46.] The volume seems to have appeared before the end of 1842, however. 21 Sheets of the part on Musci had appeared by 22 Mai 1843 (letter A. Richard to Bentham at K).
Ref.: Aguayo, J., Mem. Soc. Cub. Hist. nat. 18: 177. 1946.
Spanish version: 1845, Criptogamia ò plantas celulares ... *in*: Sagra, Hist. fis. Cuba, Hist.

Nat. 9, Botanica, p. [i-vi], [1]-328. 1845 (for further details see Aguayo 1946) and our entry sub Sagra). *Copy*: MO.
Icones plantarum in Flora cubana descriptarum . . . Paris, 1863, see our entry sub Sagra; contains also the 20 plates of the Atlas dealing with the *Cryptogamia* by Montagne.

6243. *Prodromus generum, specierumque phycearum novarum*, in itinere ad polum antarcticum . . . ab illustri Dumont d'Urville peracto collectarum, notis diagnosticis tantum huc evulgatarum, descriptionibus verò fusioribus nec non iconibus analyticis jam jamque illustrandarum auctore C. Montagne, D. M. Parisiis (apud Gide, editorem) 1842. Oct. (*Prodr. gen. phyc.*).
Publ.: 1 Aug – 10 Sep 1842 (p. 16: 15 Jul 1842; copy sent to Hooker on 10 Sep 1842), p. [1]-16. *Copies*: BR, G, NY; IDC 212. – See also Dum. d'Urv., Voy. Pôle Sud, vol. 1, 16 Aug 1845, TL-2/1557.

6244. *Cryptogamae nilgherienses* seu plantarum cellularium in montibus peninsulae indicae Neel-Gherries dictis à Cl. Perrottet collectarum enumeratio, . . . [Paris] 1842. Oct.
Collector: George Samuel Perrottet (1793-1870).
Publ.: p. [1]-14. Apr 1842, p. [15]-26. Jul 1842. Copies: FH, G, NY. – Reprinted from Ann. Sci. nat., Bot. ser. 2. 17: 243-256. Apr 1842 and 18: 12-23. Jul 1842.

6245. *Sur un nouveau genre de la famille des hépatiques*; . . . [Institut de France Académie royale des sciences . . . séance du 22 Mai 1843]. Qu.
Co-author: Jean Baptiste Geneviève Marcellin Bory de Saint-Vincent (1778-1846).
Publ.: 1843 (after 22 Mai, possibly Jun), p. [1]-5. *Copy*: FI. – Reprinted and to be cited from C. R. Acad. Sci., Paris 16: 1115 (descr. *Duriaea* Bory et Montagne). 1843.

6246. *Cryptogamie*. Exposition sommaire de la morphologie des plantes cellulaires, Paris (Rue de Seine Saint-German, 47) 1843. Oct. (*Cryptogamie*).
Publ.: 1843, p. [1]-16. *Copy*: FI. – Preprinted from Dict. univ. hist. nat. 4: 418-431. 1844.

6247. Quelques observations touchant *la structure et la fructification des genres Ctenodus, Delisea et Lenormandia* de la famille des Floridées, . . . [Paris] 1844. Oct.
Publ.: Mar 1844, p. [1]-11, *pl. 10-11*. *Copies*: FH, NY. – Reprinted and to be cited from Ann. Sci. nat., Bot. ser. 3. 1: 151-161, *pl. 10-11*. 1844.

6248. *Essai d'organographie de la famille des hépatiques* . . . Paris (Rue de Bussy, 6) 1845. Oct.
Publ.: Apr-Dec 1845, p. [1]-15. *Copies*: FH, H, MICH, NY. – Reprinted and to be cited from Orbigny, Dict. univ. hist. nat. 6: 537-549. 1845.

6249. *Aperçu morphologique de la famille des lichens* . . . Paris (Rue de Bussy, 6) 1846. Oct. (*Aperçu lich.*).
Publ.: 1846, p. [1]-12. *Copies*: BR, MICH. – Reprinted from Orbigny, Dict. univ. hist. nat. 7: 342-351. 1846, 10: 82-91. 1847 (copy MICH has t.p. 1846, p. [1]-20).
German translation: Apr-Mai 1851 (p. 4: Jan 1851; Bot. Zeit. 16 Mai 1851), p. [1]-32. *Copies*: BR, FI, NY. – "*Morphologischer Grundriss der Familie der Flechten*" von Camille Montagne. Aus dem Französischen mit Zusätzen von Karl Müller (1818-1899). Halle (Verlag von Ch. Graeger) 1851. Oct. (*Grundr. Flecht.*).

6250. *Considérations générales sur la famille des Mousses*, comprenant leur morphologie et leur classification . . . Paris (Rue de Bussy, 6) 1846. Oct.
Publ.: late 1846, p. [1]-20. *Copies*: FH, FI, H. – Reprinted and to be cited from Orbigny, Dict. univ. Hist. nat. 8: 386-403. 1846.

6251. *Phycologie*, ou considérations générales sur l'organographie, la physiologie et la classification des algues, . . . Paris (Rue de Bussy, 6) 1847. Oct.
Publ.: 1847, p. [1]-46. *Copies*: MICH, NY. – Reprinted and to be cited from Orbigny, Dict. univ. Hist. nat. 10: 14-57. 1847.
German translation: Apr-Mai 1851 (p. iv: Jan 1851; Bot. Zeit. 16 Mai 1851), p. [i]-iv, [1]-126. *Copies*: B, NY. – *Phykologie* oder Einleitung ins Studium der Algen von Camille Montag-

ne. Aus dem Französischen mit Zusätzen von Dr. Karl Müller [1818-1899]. Halle (Verlag von Ch. Graeger) 1851. Oct. (*Phykologie*).

6252. *Pugillus algarum yemensium* quas collegerunt annis 1847-1849, clarr. Arnaud et Vaysière et descripsit C. Montagne, D. M. [Paris] 1850. Oct.
Publ.: Apr 1850, p. [1]-13. *Copies*: FH, NY(2). – Reprinted and to be cited from Ann. Sci. nat. ser. 3. 13: 236-248. Apr 1850. – *Note*: types at PC, duplicates at G. We have no further details on the collectors.

6253. *Diagnoses phycologicae*, seu quibus caracteribus discriminandae sunt species lichenum algarumque nonnullae novae, in tomo florae chilensis octavo nondum typis mandato descriptae, ... [Paris] 1852.
Publ.: Nov 1852, p. [1]-18. *Copies*: FH, NY. – Reprinted and to be cited from Ann. Sci. nat. ser. 3. 18(5): 302-319. 1852. – Diagnoses of taxa described in Gay, *Fl. chil.* 8: 228-256. 1852 (apparently Nov-Dec 1852) and 257-393. 1854; see TL-2/2: 1975.

6254. *Phyceae hispanicae* novae aut minus notae, auctore C. Montagne, D. M. ex opere celeberrimi et amicissimi Viri P. Barker Webb, otia hispanica dicto excerptae. Parisiis (ex typis L. Martinet, ...) 1853.
Publ.: 1 Jan 1853, p. [1]-8, *1 pl.* (no. "*6-10*"). *Copy*: NY. – Reprinted from P. B. Webb, Otia hisp., new and enlarged edition 1853, p. 12-17, *pl. 6-10.*

6255. *Cryptogamia guyanensis* seu plantarum cellularium in Guyana gallica annis 1835-1849 a cl. Leprieur collectarum enumeratio universalis; ... Parisiis (sumptibus Victoris Masson, ...) 1855. Oct. (*Crypt. guyan.*).
Collector: F. R. Leprieur (x-1869).
Publ.: 1850-1855, p. [i, iii], [1]-202. *Copies*: G, NY, Stevenson. – Published as consolidated reprint: Mai-Dec 1855 (received by BSBF 11 Apr 1856) with double sets of paginations for article reprints plus t.p.'s and indexes. Originally issued in Ann. Sci. nat., Bot.:

sér.	vol.	p. journal	*pl.*	p. reprint	date
3	14(5)	283-309		[1]-27	Nov 1850
3	16(5)	47-81	*16*	29-63	Nov 1851
4	1(2)	91-144	*11*	65-118	Feb 1854
4	3(2)	91-145	*5-6*	119-173	Feb 1855
4	3(5)	311-329		175-193	Mai 1855
Only in reprint:				[i,iii], 195-202	Mai-Dec 1855

6256. *Note sur le nouveau genre Mazzantia* de la famille des Pyrénomycètes, ... [Paris 1855]. Oct.
Publ.: Aug-Dec 1855, p. [1]-7. *Copy*: G. – Reprinted and to be cited from Bull. Soc. bot. France 2: 521-526. 1855.

6257. *Note sur le Boschia* nouveau genre de la famille des hépatiques decouvert au Bresil par M. Weddell, ... [Paris 1856]. Oct. (*Not. Boschia*).
Collector: Hugh Algernon Weddell (1819-1877), types at PC.
Publ.: Feb 1857 (read 28 Nov 1856; Montagne presented a preprint or reprint to Soc. bot. France on 27 Feb 1857), p. [1]-5. *Copies*: FH, G. – Reprinted from Bull. Soc. bot. France 3: 572-577. 1856 (1857).

6258. *Sylloge generum specierumque cryptogamarum* quas in variis operibus descriptas iconobusque illustratas, nunc ad diagnosim reductas, nonnullasque novas interjectas, ordine systematico disposuit. Parisiis (Sumptibus J.-B. Baillière, ...), Londini (H. Baillière, ...) 1856. Oct. (*Syll. gen. sp. crypt.*).
Publ.: Feb 1856 (p. xiii: Calend. nov. mdccclv; BSBF rd. 8 Feb 1856), p. [i]-xxiv, [1]-498. *Copies*: G, L, MO, Stevenson, U, USDA; IDC 591. – Contains a bibliography of Montagne's contributions and publications, with a review of the new taxa published by him. For later publications see e.g. Bull. Soc. bot. France 22: 283. 1865.

Facsimile ed.: Amsterdam (Linnaeus Press) 1971, with extra t.p. dated 1971. *Copy*: FAS.
Ref.: Montagne, J. P. F. C., Bull. Soc. bot. France 3: 81, 82-84. 1856
Hooker, W. J., J. Bot. Kew Gard. Misc. 8: 191. Jun 1856.
Schlechtendal, D. F. L. von, Bot. Zeit. 14: 526-527. Jul 1856.
Anon., Bull. Soc. bot. France 2: 707-709. 1856 (after Feb).
Stafleu, F. A., Taxon 21: 366. 1972.

6259. *Lichenes javanici*. Exposuerunt C. Montagne et R. B. van den Bosch. Seorsum impressi e vol. 1 Plant. Junghuhn. [1857]. Oct. (*Lich. jav.*).
Co-author: Roelof Benjamin van den Bosch (1810-1862), types at L.
Publ.: Jan-Apr 1857 (p. 1: Feb 1856; Soc. bot. France rd. 8 Mai 1857; see Miquel, Pl. Jungh., no. 6107), p. [i], [1]-68. *Copies*: FH, G, NY. – Reprinted from Miquel, *Pl. Jungh.* 427-494. 1857.

6260. *Florula gorgonea* seu Enumeratio plantarum cellularium quas in promontoria Viridi (Cap Vert) insulisque adjacentibus a diversis botanicis et imprimis Cl. Bolle, berolinensi, hucusque collectas, recognovit descripsitque C. Montagne D. M. [Paris 1860]. Oct.
Collector: Carl August Bolle (1821-1909); Montagne types in PC.
Publ.: Oct 1860, p. [1]-16. *Copies*: FH, NY. – Reprinted and to be cited from Ann. Sci. nat., Bot. ser. 4. 14(4): 210-225. 1860.

Montandon, F. Jules (*fl.* 1856), French botanist and physician in the Jura. (*Montandon*).

HERBARIUM and TYPES: Some material at FI.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 560, 692; BM 3: 1339; Jackson p. 344; PR 6391; Rehder 5: 585; TL-2/1: 1860; Tucker 1: 496.
Steinberg, C. H., Webbia 31(1): 32. 1977 (material at FI).

COMPOSITE WORKS: See Friche-Joset, F., TL-2/1860.

Monti, Gaetano Lorenzo (1712-1797), Italian botanist; professor of botany and director (1760-1792) of the botanical garden at Bologna. (*Monti*).

HERBARIUM and TYPES: BOLO.

NOTE: Not to be confused with his father, Giuseppe Monti (1682-1760), also professor of botany and director of the Bologna botanical garden, whose publications are all prelinnaean. Lozenzo Monti (*fl.* 1817) pharmacist and botanist at Verona, author of a *Dictionario botanico Veronese* (1817) (*Copy*: FI), is not known to be a relation of the Bologna Monti's.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 415; Dryander 3: 243, 258; DTS 1: 199; HU 520; Kew 4: 40; Lasègue p. 341; PR 6397 (ed. 1: 7125); Rehder 5: 585; Saccardo 1: 112, 2: 74, cronol. p. xxvii; TL-1/887.
Hulth, J. M., Bref Skrifv. Linné 2(1): 87, 88, 90, 228. 1916.
Stafleu, F. A., Intr. A. L. Jussieu, Gen. pl. reprint 1964, p. xlii.

EPONYMY: *Montia* Linnaeus (1753), *Montia* P. Miller (1754), *Montiastrum* (A. Gray) Rydberg (1918) and *Montiopsis* O. Kuntze (1898) commemorate Guiseppe Monti (1682-1760), Italian botanist, director of the botanic garden in Bologna. *Montira* Aublet (1775) commemorates a Monsieur de Monti, French planter and colonial officer in Guyana, who supported Aublet's botanical exploration of the colony.

6261. *Indices botanici et materiae medicae* quibus plantarum genera hactenus instituta: simplicium quoque tam vulgarium, quam exoticarum nomina, & facultates summatim recensitur ... Bononiae [Bologna] (Ex typographia Laelii a Vulpe) 1753. Qu. (*Ind. bot. mat. med.*).
Publ.: 1753, before 1 Mai (p. 160: 29 Jan 1753), p. [i*-viii*], i-xx, [xxi-xxviii], 1-160, 2 maps. *Copies*: FI, MO, USDA; IDC 6080. – Reviewed by GGA on 15 Nov 1753, which, in the absence of other data, does not constitute sufficient proof of publication after 1 Mai.

Imprimatur dated 29 Jan 1753. The indices are a new feature added [on p. 129-160] to the second edition (edited by G. L. Monti) of Giuseppe Monti, *Exoticorum simplicium medicamentorum varii indices* (ed. 1, Bologna 1724, Qu.).

Montin, Lars Jonasson (1723-1785), Swedish botanist; pupil of Linnaeus; physician at Lund 1751; regional physician in Halland 1782. (*Montin*).

HERBARIUM and TYPES: S; further material E, LINN, P-JU, SBT, UPS. Montin's herbarium annotations are exceptionally complete. Given, as usual in the eighteenth century, on the back of each herbarium sheet are: name, diagnosis from species plantarum or systema naturae, area, notes on the nature of the locality, name of the collector, country and date of collecting. Montin had an extensive correspondence with many collectors and botanists: his herbarium was probably the most complete Swedish herbarium of his time. The herbarium was left to his nephew Jonas Dryander who presented it to the Swedish Academy of Sciences. Together with the herbarium of Alströmer it thus became the foundation of the Stockholm herbarium (S). Several hundred plants from the Montin herbarium were acquired from Linnaeus's hortulanus Nietzel (Curator at Uppsala from 1739-1756) and are now incorporated in the Linnaean herbarium at Stockholm. For a list of the contributors to the Montin herbarium see Lindman (1907).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 507; BM 3: 1341-1342, 7: 860-861; Dawson p. 735; Dryander 2: 144, 197, 3: 170, 248, 252, 272, 273, 297, 306, 341, 643; Hortus 3: 1200 ("Montin"); IH 2: 553; Kew 4: 40; KR p. 504-505; Lasègue p. 359, 392, 502; PR (alph.); Rehder 5: 585; SO 217, 1290, 1589, 3538-3542; TL-2/1: see index.

Blunt, W., The compleat naturalist 183. 1971.
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Dandy, J. E., Regn. veg. 51: 17. 1967.
Eriksson, G., Bot hist. Sverige 298, 300, 303, 325. 1969.
Fries, Th. M. & Hulth, J. M., Bref Skrifv. Linné 1(2): 267, 286, 299. 1908, 1(3): 8, 157. 1909, 1(4): 87. 1910, 1(7): 191. 1917.
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 111. 1970 (in herb. Giseke).
Hulth, J. M. & Uggla, A. H., Bref Skrifv. Linné 2(2): 283. 1943.
Jackson, B. D., Proc. Linn. Soc. 134 (suppl.). 18. 1922 (pl. LINN).
Lindman, C. A. M., Ark. för Bot. 7(3): 9-14. 1907.
Löwegren, I., Naturaliekabinett Sverige 323, 343, 358. 1952.
Merrill, E. D., B. P. Bishop Mus. Bull. 144: 138. 1937.
Sayre, G., Bryologist 80: 514. 1977.
Scheutz, W. J. W., Bot. Not. 1863: 70.
Stafleu, F. A., Intr. Jussieu Gen. Pl. xxxi. 1974 (material at P-JU).
Thunberg, C. P., Åminnelse-tal öfver L. Montin. Stockholm 1791. Oct. (16 p., n.v., fide Krok p. 709, no. 48).
Woodward, B. B., *in* G. Murray, Hist. coll. BM(NH) 1: 27, 43. 1904 (mss. at BM).

HANDWRITING: Medd. Göteb. bot. Trädg. 18: 16. 1949.

EPONYMY: *Montinia* Thunberg (1766). *Note*: *Montinia* A. Massalongo (1855) is dedicated to Giovanni Montini (1802-1854), Italian pharmacist and botanist.

6262. D.A. *Dissertatio botanica sistens Splachnum*, quam suffragante ampliss. facult. med. in regio athenaeo upsaliensi, praeside viro celeberrimo et experientissimo Carolo Linnaeo, ... publicae censurae modeste subjicit Laur. Montin Jonae fil. Gothoburgensis in audit Carol. maj. die [mss.: 28] Martii anni mdccl. h.a.m.s. Stockholmiae (Typis Laurentii Salvii) s.d. Qu. (*Splachnum*).
Publ.: 28 Mar 1750, p. [i-iv], [1]-15, [16, expl. pl.], *1 pl.* (uncol. copp. Joh. Gane). *Copies*: H, MO, NY, US, USDA. – SO 1589.
Reprints: *in* Linnaeus, C., Amoen. Acad. 2(26): 263-283. 1751; ed. 2. 2(26): 242-260. 1762, 2(26): 212-260. 1764; ed. 3. 2(26): 263-283. 1787.
Ref.: Anon., Lärda Tidn., Stockholm 1750: 103-104.

Montrouzier, Rev. Père Xavier (1820-1897), French botanist and apostolical missiona-

ry of the Society of Mary; "Christianae fidei inter paganus oceaniae (Nova Caledonia etc.) interpres" 1846-1897 (Wittrock). (*Montrouz.*)

HERBARIUM and TYPES: LY (Faculté de Médecine); part of the New Caledonia collections at MPU.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 657; Barnhart 2: 507; BL 1: 119, 320; BM 3: 1343; CSP 4: 454, 8: 428, 10: 840, 17: 332; IH 2: 553; Kew 4: 41; Rehder 5: 586.
Anon., Bot. Not. 1898: 45 (d.); Flora 45: 343, 348, 349, 351. 1862.
Beauvisage, G., Notice sur le R. P. Montrouzier. Paris 1898, 14 p. (Ann. Soc. bot. Lyon 22: 47-60. 1897 (1898)) (bibl.,) portr.); Ann. Soc. bot. Lyon 25: 38. 1900; Bull. Soc. bot. Lyon 11: 39. 1893 (herb. LY).
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Fournier, P., Voy. déc. mission. natural. franç. 2: 213, 214-218, 226, 233. 1932.
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Magnin, A., Bull. Soc. bot. Lyon 32: 36-37. 1907, 35: 42. 1910.
Merrill, E. D., Contr. natl. Herb. U.S. 30(1): 216. 1947.
Wittrock, V. B., Acta Horti Berg. 3(2): 115. 1903 (b. 3 Dec 1820, d. 16 Mai 1897).

Moody, Sophy (*fl.* 1864), British author. (*Moody*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1343; Jackson p. 139; PR 6399; Rehder 5: 586; Tucker 1: 496.

6263. *The palm tree* . . . with illustrations by the author. London (T. Nelson and Sons, . . .), Edinburgh and New York 1864. Oct. (*Palm tree*).
Publ.: Jan-Jul 1864 (p. xiii: Dec 1863; J. Bot. Aug 1864; Flora "Neu" 29 Feb 1864 (announcement?)), p. [v]-xiii, [15]-448, *6 col. pl.* (incl. frontisp.). *Copy*: NY.

Moon, Alexander (x-1825), Scottish botanist and gardener for Kew, collected at Gibraltar and N. Africa (Barbary), superintendent of the royal botanic gardens in Ceylon (1817-1825). (*Moon*).

HERBARIUM and TYPES: BM(Ceylon), BM, FI, K (Gibraltar, N. Africa); 37 water colour drawings of Ceylon plants at BM.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 380; Barnhart 2: 508; BB p. 2189; BM 3: 1343; Dawson p. 477, 620; Desmond p. 446; Herder p. 211; Hortus 3: 1200 ("Moon"); IH 2: 553; Jackson p. 395; Kew 4: 42; PR 6400 (ed. 1: 7129); Rehder 5: 586; SO 830; Tucker 1: 496; Zander ed. 10, p. 693, ed. 11, p. 791.
Boulger, G. S., *in* H. Trimen & J. D. Hooker, Handb. fl. Ceylon 5: 373-374. 1900.
Burkill, I. H., Chapt. hist. bot. India 36, 49, 50, 94, 97, 105, 122. 1965.
Murray, G., Hist. coll. BM(NH) 1: 169. 1904 (Ceylon pl.).
Steinberg, C. H., Webbia 32(1): 32. 1977.
Woodward, B. B., Hist. coll. BM(NH) 1: 43. 1904 (drawings).

EPONYMY: *Moonia* Arnott (1836).

6264. *A catalogue of the indigenous and exotic plants growing in Ceylon,* distinguishing the several esculent vegetables, fruits, roots and grains; together with a sketch of the divisions of genera and species in use amongst the Singhalese. Also an outline of the Linnaean sexual system of botany; in the English and Singhalese languages. For the use of the Singhalese . . . Colombo (printed at the Wesleyan mission press) 1824. Fol. (*Cat. pl. Ceylon*).
Publ.: Jul-Dec 1824 (p. 3*: 26 Jun 1824), p. [i, iii], [1*]-3*, [1]-9, [1]-77, [1]-41, [1-6, ind. lat.], [1]-4, [1]-22, [1]-6, [1-4, add.]. *Copies*: FI, MO, USDA; IDC 7316. – "a somewhat unsatisfactory performance" (see Boulger 1900).

Moore, Albert Hanford (1883-?), American botanist; AM Harvard 1906; worked at the

Arnold Arboretum, Smithsonian Institution, USDA and with the United Fruit Co. (*A. H. Moore*).

HERBARIUM and TYPES: Mainly at HH; further material at F, ISC, MICH, NY, PENN, POM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 508; BJI 2: 119; BM 3: 1343; Hortus 3: 1200 ("A. H. Moore"); IH 2: 554; LS 37107; MW p. 330; NAF 28B(2): 347, ser. 2. 2: 166, 5: 248; Pennell, p. 614; Tucker 1: 496; Zander ed. 10, p. 693, ed. 11, p. 791.
Britton, N. L., Fl. Bermuda 549. 1918.
Bullock, A. A., Bibl. S. Afr. bot. 78. 1978.
Wycoff, E., Bibl. Contr. Lloyd libr. 9: 392. 1913.

6265. *A list of plants collected in Bermuda* in 1905 . . . including a description of two new species. Cambridge, Massachusetts issued March 12, 1906. (*List pl. Bermuda*).
Publ.: 12 Mar 1906 (Bot. Zeit. 1 Mai 1906; Nat. Nov. Feb(2) 1907), p. [i], [1]-22, *pl. 1-3*. *Copies*: NY, US, USDA.

Moore, Charles (1820-1905), Scottish-born Australian botanist; director of the Botanical Garden at Sydney (1848-1896); younger brother of David Moore. (*C. Moore*).

HERBARIUM and TYPES: Mainly at K; further sets at BM, E, FI, MEL.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 380; Barnhart 2: 508; BB p. 219; BL 1: 65, 309; BM 3: 1343; Bossert p. 272; CSP 8: 430, 10: 840, 17: 334; Desmond p. 447; Hortus 3: 1200 ("Moore, C."); HR (q.v. for further biogr. refs.); IH 2: 554; Jackson p. 582, 400, 401, 453; Kew 4: 43; Morren ed. 2, p. 40, ed. 10, p. 149; PR 6401; Rehder 5: 586; SK 1: 369, 8: lxvii; Tucker 1: 496; Zander ed. 10, p. 693-694, ed. 11, p. 791.
Anon., Austral. Encycl. 6: 143. 1965 (fide HR); Bot. Not. 1906: 45 (d.); Gard. Chron. ser. 3. 12: 185. 1905 (portr.); Nat. Nov. 18: 357. 1896 (resigns directorate Sydney Bot. Gard.); Rep. Sydney Bot. Gard. 1905: 14 (on portr.); Vict. Natural. 9: 75. 1894.
Britten, J., J. Bot. 43: 280. 1905.
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Hooker, J. D., Fl. Tasm. 123-124. 1860.
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Wilson, E. H., Plant Hunting 191. 1927.

COMPOSITE WORKS: With William MacArthur (q.v.) *Catalogue des collections de bois indigènes* [New South Wales], Paris, Exposition universelle, 1855.

EPONYMY: *Mooria* Montrouzier (1860).

6266. *A census of the plants of New South Wales* . . . Sydney (Thomas Richards, . . .) 1884. Oct. (*Census pl. N.S.W.*).
Publ.: 1884 (t.p. 1884; Nat. Nov. Aug(1) 1886 as of "1885"), p. [i-iii], [1]-97. *Copies*: MO, PH, US.

6267. *Handbook of the flora of New South Wales*. A description of the flowering plants and ferns indigenous to New South Wales . . . By Authority: Sydney (Charles Potter, . . .) 1893. Oct. (*Handb. fl. N.S.W.*).

Co-author: Ern(e)st Betche (1851-1913).
Publ.: 1893 (t.p. 1893; Nat. Nov. Mar(2) 1896), p. [i]-xxxix, [1]-582. *Copies*; B, FI, MO, NY, USDA.
Ref.: Roth, E., Bot. Centralbl. 65: 358-359. 1896 (rev.).

Moore, David (until 1828: Muir) (1808-1879), Scottish botanist; brother of Charles Moore; at Trinity College Garden Dublin 1829-1834; botanist to Ordnance survey of Ireland 1834-1838; curator of Glasnevin Garden 1838-1879; Dr. phil. h.c. Zürich 1863. (*D. Moore*).

HERBARIUM and TYPES: DBN, E and OXF, Bryoph. also at BM, H. See below for "indigenous grasses of Ireland." Correspondence at BM (with Berkeley) and K.

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 143, 3: 364; Backer p. 380; Barnhart 2: 508; BB p. 219; BL 2: 280, 291, 693; BM 3: 1344; Bossert p. 272; Clokie p. 214; CSP 4: 456, 8: 430-431, 10: 840-841, 12: 518; Desmond p. 447; DNB 38: 345; Hawksworth p. 198; Herder p. 326, 361; IH 1(ed. 6): 362; 2: 554; Jackson p. 230, 239, 247, 411, 582; Kew 4: 43-44; LS 18188; Morren ed. 10, p. 23; PR 6402; Rehder 5: 586; SBC p. 127 ("Moore"); Tucker 1: 496-497.
Anon., Bot. Not. 1880: 28 (d.); Bot. Zeit. 37: 597-598. 1879; Bull. Soc. bot. France 26 (bibl.): 93. 1979 (d.); Gard. Chron. 1871: 739 (portr.), 1897 (1): 757, The Garden 29 Jun 1878, p. xii (obit.); Österr. bot. Z. 13: 262. 1863 (Dr. phil. h.c. Zürich); Saunders Daily News Dublin 10 Jun 1879 (obit., d. 9 Jun 1879); Trans. bot. Soc. Edinb. 14: 36-39. 1883.
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Sayre, G., Bryologist 80: 514. 1977 (location bryoph.).
Scully, R. W., Fl. County Kerry xv. 1916.
Stabler, G., Rev. bryol. 6(4): 64. 1879.
Synnott, D. M., Glasra 4: 26. 1980 (bryoph. herb. 2.000 specim. at DBN).
Trimen, H., J. Bot. 17: 221. 1879.
Wittrock, V. B., Acta Horti Berg. 3(2): 95-96. 1903, 3(3); 81. 1905.

EPONYMY: *Moorea* Lemaire (1855). *Note*: *Moorea* Rolfe (1890) and *Neomoorea* Rolfe (1904) are dedicated to his son Frederick William Moore (1857-1949), Irish botanist and, like his father, director of the Glasnevin Botanic Garden.

6268. *Concise notices of the indigenous grasses of Ireland,* best suited for agriculture with dried specimens of each kind . . . Glasnevin 1843. (*Indig. grass. Ireland*).
Publ.: 1843, p. [i], [1]-8 and 47 herbarium specimens with schedae on 35 sheets. *Copy*: NY.
Ed. 2: 1850 (n.v.).

6269. *Hand-book for the botanic gardens of the Royal Dublin Society,* Glasnevin . . . Dublin (James McGlashan, . . .) 1850. (*Handb. bot. gard. Dublin*).
Publ.: 1850, p. [1]-68, map. *Copy*: FI.

6270. *Contributions towards a Cybele hibernica,* being outlines of the geographical distribution of plants in Ireland . . . Dublin (Hodges, Smith, & Co., . . .), London (John Van Voorst) 1866. Oct. (*Contr. Cybele hibern.*).
Co-author: Alexander Goodman More (1830-1895).

Ed. 1: Jul-Aug 1866 (J. Bot. Sep 1866; "Neu", Flora 28 Mai 1867), p. [i]-lx, [lvi], map, [1]-399 [1-2 subscr.]. *Copies*: FI, G, MO, NY.
Ed. 2: Oct-Nov 1898 (p. xii: Aug 1898; Nat. Nov. Dec(1) 1898; "in the press" J. Bot. Feb 1898; just received J. Bot. Nov 1898; Bot. Centrabl. 15 Nov 1898), p. [i]-xcvi, map, [1]-538. *Copies*: G, NY, USDA. – "Second edition, founded on the papers of the late Alexander Goodman More, ... by Nathaniel Colgan [1851-1919] and Reginald William Scully [1858-1935], Dublin (Edward Ponsonby, ...), London (Gurney & Jackson, ...) 1898.
Ref.: More, A. G., Recent additions to the flora of Ireland, being a first supplement to the Cybele hibernica, Proc. Roy. Irish Acad. ser. 2. 1(Sci.): 1872, 40 p.
Seemann, B., J. Bot. 4: 304, 333-335. 1866.
G.D., J. Bot. 4: 361-366. 1866.
Marshall, R. S., J. Bot. 37: 269-272. 1899 (critical remarks).
Colgan, N. and Scully, R. W., J. Bot. 37: 315-317. 1899 (rejoinder).

6271. *The mosses of Ireland.* Synopsis of all the mosses known to inhabit Ireland up to the present time ... Dublin (printed at the University Press by M. H. Gill) 1873. Oct. (in fours). (*Moss. Ireland*).
Publ.: 1873 (presented to Irish Acad. 24 Jun 1872; Grevillea Nov 1873; Bot. Zeit. 28 Nov 1873; Hedwigia Aug 1873; J. Bot. Jan 1874), p. [i], [1]-146, *pl. 20*. *Copies*: B, FH, FI, H, NY. Proc. Roy, Irish Acad. ser. 2. 1(Sci.): 1-146. 1873 ("A synopsis of the mosses of Ireland").
Ref.: R. B., J. Bot. 12: 24-25. 1874.

6272. *Report on Irish Hepaticae* ... Dublin (printed at the University Press, ...) 1876. (*Rep. Irish Hepat.*).
Publ.: Mai-Dec 1876 (read 24 Apr, repr. dated 1876), p. [i, cover with special t.p.], 591-672, *pl. 43-45*. *Copies*: FI, H, MO-Steere – Preprinted ("fifty copies only reprinted by the Academy for the author") from Proc. R. Irish Acad. ser. 2. 2: 591-672, *pl. 43-45*. 1877 (completed volume).
Limpricht, G., Hedwigia 16: 138-140. 1877.

6273. *Catalogue of the flowering plants and ferns of Dublin and Wicklow* ... [Dublin (printed by Alexander Thom ...) 1878]. Oct.
Publ.: Apr 1878 (p. [40]), p. [1]-38, [40, impr.]. *Copies*: FI, G. – Reprinted and to be cited from Sci. Proc. R. Dublin Soc. 1: 190-227. 1878.

Moore, George Thomas (1871-1956), American algologist; Ph. D. Harvard 1900; plant physiologist at Washington Univ. 1909-1912; director of the Missouri Botanical Garden 1912-1953 (*G. Moore*).

HERBARIUM and TYPES: MO.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 509; BM 3: 1344-1345; Bossert p. 272; CSP 17: 335-336; De Toni 4: xl; Hirsch p. 203; IH 2: 554; Lenley p. 298; LS 18189, 37111, suppl. 18786-18787; NAF ser. 2. 6: 70; Nordstedt p. 24, suppl. p. 12.
Anderson, E., Missouri Bot. Gard. Bull. 44: 141-142. 1956 (d. 27 Nov 1953).
Anon., Bot. Centrabl. 80: 144. 1899; Hedwigia 40(Beibl.5): (175). 1901 (algol. USDA); Horticulture 15 Oct 1939 (portr., awarded George Robert White medal of honor); J. New York Bot. Gard. 13: 61. 1912 (app. 1 Mai 1912 director MO); Missouri Bot. Gard. Bull. 66(11): 5. 1978 (portr.); Nat. Nov. 21: 612. 1899 (intr. Dartmouth Coll., Hanover, N. H.), 27: 375. 1905 (memb. Amer. Philos. Soc.), 31: 342. 1909 (app. Wash. Univ., St. Louis), 34: 286. 1912 (dir. MO, succeeding W. Trelease); New York Times 29 Nov 1956, New York Herald Tribune 29 Nov 1956; Österr. bot. Z. 62: 247. 1912 (app. MO); The book of St. Louisans ed. 2. 422. 1912 (b. 23 Feb 1871); Time 68: 100. 10 Dec 1956).
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Koster, J., Taxon 18: 555. 1969 (coll. alg.).
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Rickett, H. W., Index Bull. Torrey bot. Cl. 72. 1955.

Moore, John William (1901-x), American botanist; Ph. D. Univ. Minnesota 1933, on Raiatea Island 1926-1927. (*J. W. Moore*).

HERBARIUM and TYPES: MIN; further material at A, BISH, DAO, GH, IA.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 509; Hortus 3: 1200 ("J. W. Moore"); IH 1 (ed. 6): 362; Pennell p. 614; Zander ed. 10, p. 694, ed. 11, p. 791.
Merrill, E. D., B. P. Bishop Mus. Bull. 144: 138. 1837 (Polynes. bibl.); Contr. U. S. natl. Herb. 30(1): 216. 1947.

EPONYMY: *Moorella* P. R. Rao & D. Rao (1964) is dedicated to Royall T. Moore, contemporary mycologist. *Mooreisporites* R. Neves (1958) commemorates Leslie Ravsell Moore (1912-x), English paleobotanist.

Moore, Lucy Beatrice (1906-x), New Zealand botanist; M. Sc. Auckland 1929; at the Botany Division, Dept. Scientific and Industrial Research, Wellington. (*L. B. Moore*).

HERBARIUM and TYPES: CHR; further material at C and MO.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 510; BL 1: 80, 309; Bossert p. 273; Hortus 3: 1200 ("Moore, L. B."); IH 2: 555; Roon p. 79; Zander ed. 11, p. 791.
Anon., New Zealand, Dept. Sci. Ind. Res., Bot. Div., 1969-71 Rep. 1973 (?) (portr.).
Given, D. R., Taxon 26: 160. 1977.
Markgraf, F., Bot. Jahrb. 91(Lit.): 31. 1972 (rev. vol. 2. Fl. New Zealand).

COMPOSITE WORKS: Allan, H. H., Moore, L. B. and Edgar, E., *Flora of New Zealand*, Wellington, 1961-1970, 2 vols.

Moore, Spencer Le Marchant (1850-1931), British botanist and explorer; B. Sc. London 1872; at Kew 1872-1879; to Matto Grosso 1891-1892; to Western Australia 1894-1896; from 1898 connected with BMNH. (*S. Moore*).

HERBARIUM and TYPES: BM. Duplicates see IH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 510; BL 1: 25, 47, 50, 61, 68, 69, 76, 119, 121, 227, 242, 309, 2: 230, 693; BM 3: 1345, 7: 863; Bret. p. 819; CSP 10: 842, 12: 518, 17: 338-339; Desmond p. 448; De Toni 1: lxxxvi, 4: xi; Herder p. 206, 215, 315; Hortus 3: 1200 ("Moore, S. L."); IH 2: 555; Kew 4: 48; Langman p. 521; LS 18193a; Moebius p. 335; MW p. 331; Morren ed. 2. p. 23; Rehder 5: 586; Tucker 1: 497; Urban-Berl. p. 376; Zander ed. 10, p. 694.
Anon., Bot. Centralbl. 1/2(1): 32. 1880 (resigned position Kew [1879]. 1/2: 320. 1880 (appointed assistant at BM); J. Bot. 30: 125-126. 1892; [J. Ramsbottom], The Times 18 Mar 1931 (obit.).
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Trimen, H., J. Bot. 17: 97. Apr 1879 (epon.).
Urban, I., Fl. bras. 1(1): 65-66. 1906 (orig. biogr. inf., itin., b. 1 Nov 1850).

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(2) *Journal of botany,* assistant editor (to H. Trimen), vols. 17-17, 1877-1879.
(3) Warren, J. B. L., *The flora of Cheshire* . . . edited by S. Moore . . . 1899; see under Warren.
(4) Rendle, A. B., *Cat. pl. Talbot Oban distr.* 1913, co-author.
(5) Rendle, A. B. et al., *Cat. S. Niger. pl.* 1913, co-author.

EPONYMY: *Spenceria* Trimen (1879).

Moore, Thomas (1821-1887), British botanist and gardener; curator of the Chelsea botanic garden (1848-1887); assistant, later co-editor of Gardeners Chronicle (1841-1881) and of several other gardening magazines. (*T. Moore*).

HERBARIUM and TYPES: BM (London area); main fern herbarium at K (13.000); 3200 non-British specimens from the fern herbarium were given to B in 1888. Further material, mainly ferns, at AK, BRISTM, E, L, LE and OXF.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 380; Barnhart 2: 510; BB p. 220; BM 3: 1345, 7: 863; Bossert p. 273; Clokie p. 214; CSP 4: 458, 8: 432, 10: 842, 12: 518, 17: 339; Desmond p. 448; De Toni 2: lxxvii; DNB 38: 385; Frank 3(Anh.): 67; Herder p. 467; Hortus 3: 1200 ("Moore, T."); IF p. 721, suppl. 4: 332; IH 1 (ed. 6): 362, 2: 555; Jackson p. 582-583 [index]; Kew 4: 48-49; Langman p. 521-522; Lenley p. 464; LS 36041; Morren ed. 2, p. 24, ed. 10, p. 70; MW p. 331, suppl. p. 236; NI 1400-1405; PR 6403-6409; Rehder 5: 586-587; SO 857; Tucker 1: 497; Urban-Berl. p. 54, 321; Zander ed. 10, p. 694, ed. 11, p. 781.
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COMPOSITE WORKS: (1) *The Gardeners' Magazine of Botany,* editor, vols. 1-3, 1850-1851.
(2) *Garden Companion and Florists' Guide,* co-editor, Jan-Oct 1852, London 1852.
(3) *The Floral Magazine,* vol. 1, 1861, editor.
(4) *The Florist and Pomologist,* assistant editor, London 1862-1884.

6274. *A popular history of the British ferns* and the allied plants, comprising the club- mosses, pepperworts, and horsetails . . . London (Reeve and Benham, . . .) 1851. Oct. (*Pop. hist. brit. ferns*).
Ed. 1: Nov-Dec 1851 (p. viii: Nov 1851), p. [i]-xii, [1]-354, *pl. 1-20* (col. liths.). *Copies*: FI, NY, PH; IDC 7234.
Ed. 2: Oct-Dec 1855 (p. viii: Oct 1855), p. [i]-xii, [1]-379, *pl. 1-22* (col. liths. Fitch). *Copies*: FI, NY. – London (Lovell Reeve, . . .) 1855. Oct.
Ed. 3: Aug-Dec 1859, p. [i]-xvi, [1]-394, *pl. 1-22* (id.). *Copy*: US.-London (Routledge, Warne & Routledge, . . .) 1859. Oct.
Ed. [4]: 1862, p. [iii]-xvi, [1]-394, *pl. 1-6. Copy*: US. – London (id.) 1862. Oct.
Ref.: Hooker, W. J., J. Bot. Kew Gard. Misc. 4: 63-64. Feb 1852.

6275. *The ferns of Great Britain and Ireland* by Thomas Moore, . . . edited by John Lindley, . . . nature-printed by Henry Bradbury. London (published by Bradbury and Evans, . . .) 1855. Fol. (*Ferns Gr. Brit.*).
Editor: John Lindley (1799-1865).
Ed. 1: Jun 1855-Sep 1856, in 17 monthly parts of *3 pl.* each, p. [i-x], *pl. 1-51* (nature-prints in colour; with text). *Copies*: NY, US; IDC 7235. – plate 2 was reprinted. *Reviews*: see W. J. Hooker, J. Bot. Kew Gard. Misc. vols. 7, 8. 1855-1856.
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Ed. 3 of part 1: 1869, n.v.
Ref.: Anon., J. Bot. 7: 185, 286, 320, 350. 1855; 8: 28, 125-285. 1856.
Schlechtendal, D. F. L. v., Bot. Zeit. 15: 517-519. 1857 (ed. 2).

6276. *Index filicum*: a synopsis, with characters, of the genera, and an enumeration of the species of ferns, with synonymes, references, &c. &c. . . . London (William Pamplin, . . .) 1857[-1862], 20 parts. Duod. (in sixes). †. (*Index fil.*).
Publ.: 1857-1862, in 20 parts, p. [1]-4, [ix]-clxii, [1]-396, *pl. 1-84* (uncol. liths.). *Copies*: MO, USDA; IDC 5490.
Ref.: Anon., J. Bot. 1: 95. 1863.
Schlechtendal, D. F. L. v., Bot. Zeit. 15: 556-558. 7 Aug 1857; 16: 318-319, 344 (rectification) 1858.

6277. The octavo nature-printed *British ferns*: being figures and descriptions of the species and varieties of ferns found in the United Kingdom by Thomas Moore, . . . nature-printed by Henry Bradbury . . . London (Bradbury and Evans, . . .) 1859, 2 vols. Oct. (*Brit. ferns*).
1: 1859 (p. xii: 31 Aug 1859), p. [i]-xvi, [1]-254, *pl. 1-51* (nature-printed in green with handcol. add.).
2: 1860 (p. vi: 29 Mai 1859), p. [i]-xi, [1]-368, *pl. 52-53, 53bis, 54-56, 56bis, 57-60, 60bis, 61-73, 73bis, 74-76, 76bis, 77-90, 90bis, 91, 91bis, 92, 92bis, 93-114* (id.).
Copies: FI, G, MO, USDA.
Reissue: 1863, 2 vols. *Copy*: PH. – Identical with orig. except for dates on t.p.
Ref.: Schlechtendal, D. F. L. v., Bot. Zeit. 19: 391. 1861.

6278. *British ferns* and their allies: an abridgment of the "Popular history of British ferns" and comprising the ferns, club-mosses, pepperworts, & horsetails . . . London (Routledge, Warne, and Routledge, . . .), New York (id.) 1861. (*Brit. ferns*).
Orig. ed.: 1861, p. [i]-iv, [1]-187, *pl. 1-12* (col.). *Copy*: PH.
Other ed.: 1886, p. [i]-iv, [5]-124, *pl 1-12* (col.). *Copies*: FI, PH.

6279. *The field botanist's companion*; comprising a familiar account, in the four seasons, of the most common of the wild flowering plants of the British Isles . . . London (Lovell Reeve & Co., . . .) 1862. Oct. (*Field bot. comp.*).
Ed. 1: 1862 (BSBF Feb 1863), p. [i]-xxvii, [1]-424, *pl. 1-24* with text. *Copy*: NY.
Ed. 2: "British wild flowers", see below (1867).

6280. *British wild flowers*. Familiarly described in the four seasons. For the use of beginners and amateurs. A new edition of "The field botanist's Companion" . . . London (Reeve & Co., . . .) 1867. Oct. (*Brit. wild fl.*).
Publ.: 1867, p. [i]-xxvii, [1]-424, *pl. 1-24* (col. liths. with text). *Copies*: FAS, MO, NY. – Second edition of no. 6279.

6281. *The Clematis* as a garden flower: being descriptions of the hardy species and varieties of Clematis or Virgin's Bower, with select and classified lists, directions for cultivation, and suggestions as to the purposes for which they are adapted in modern gardening . . . London (John Murray, . . .) 1872. Oct. (*Clematis*).
Co-author: George Jackman (1837-1887).
Publ.: 1872, p. [i]-xi, [xii], [1]-160, *pl. 1-17* (1, col.). *Copy*: PH.

6282. *The orchid album*, comprising coloured figures and descriptions of new, rare, and beautiful orchidaceous plants. Conducted by Robert Warner, . . . and Benjamin Samuel

Williams, . . . the botanical descriptions by Thomas Moore, . . . the coloured figures by John Nugent Fitch, . . . London published by B. S. Williams, . . .) 1882-1897, 11 vols. Qu. (*Orch. album*).
Co-authors: Robert Warner (1814?-1896), Benjamin Samuel Williams (1824-1890). *Artist*: John Nugent Fitch (1840-1927).
Publ.: 1882-1897, in (originally monthly) parts of 4 plates (col. liths.) + text, 12 parts per volume. *Copies*: MO, NY.

1: 1882, p. [i-x], *pl. 1-8, 9/10, 11-48.*
2: 1883, p. [i-viii], *pl. 49-96.*
3: 1884, p. [i-viii], *pl. 97-144.*
4: 1885, p. [i-viii], *pl. 145-192.*
5: 1886, p. [i-viii], *pl. 193-240.*
6: 1887, p. [i-viii], *pl. 241-288.*
7: 1888, p. [i-viii], *pl. 289-336.*
8: 1889, p. [i-viii], *pl. 337-384.*
9: 1891, p. [i-xiv], *pl. 385-432.*
10: 1893, p. [i-viii], *pl. 433-480,* [i]-xvi.
11: 1897, p. [i-vi], *pl. 481-528.*

Moquin-Tandon, Christian Horace Bénédict Alfred (1804-1863), French naturalist and botanist; pupil of A. P. de Candolle; Dr. Sci. Montpellier 1826, high school teacher at Marseille 1829-1833; director of the botanic garden of Toulouse 1834-1853; subsequently professor of botany at the Faculté de Médecine, Paris; best known for his work on teratology; one of the founders of the Société botanique de France. (*Moq.*).

HERBARIUM and TYPES: Moquin-Tandon's types of Chenopodiaceae are at P. Moquin-Tandon's own herbarium was very rich; it contained e.g. the Poiret herbarium. It was acquired by Cosson and is now at P and PC. Another important set of plants from Moquin-Tandon is in the Webb herbarium at FI.

NAME: Moquin-Tandon was also an expert on the Provençal language (langue d'oc) and published studies as well as poetry and other literary essays on this subject, partly under the pseudonym Alfred Frédol. (See Clos 1864, p. 6-7).

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(a) *Phytolacceae* 13(2): 1-40, 459-460. 5 Mai 1849.
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(2) With Aug. de Saint-Hilaire (q.v.): *Premier (deuxième) mémoire sur la famille des Polygalacées*, 1828-1832, and *in* Fl. bras. merid. 2: 5-75. 1829 (*Polygaleae*).

HANDWRITING: Monogr. biol. Canar. 4: 31. *fig. 4*. 1973; Candollea 32: 177-178. 1977.

EPONYMY: *Moquinia* A. Sprengel (1828); *Moquinia* A. P. de Candolle (1838, *nom. cons.*); *Moquiniella* Balle (1954); *Tandonia* Baillon (1861); *Tannodia* Baillon (1861). *Note*: *Tandonia* Moquin-Tandon (1849) is dedicated to Barthélémy Tandon (1720-1775), Franch astronomer, a member of the family of Moquin-Tandon's maternal grandmother. *Tandonella* S. S. Prasad & R. A. B. Verma (1970) is named after R. N. Tandon, contemporary Indian mycologist.

6283. *Essai sur les dédoublemens* ou multiplication d'organes dans les végétaux; ... Montpellier (Imprimerie de Jean Martet le Jeune) 1826. Qu. (*Essai dédoubl.*).
Publ.: 1826, p. [1]-24, *pl. 1-2*. *Copies*: G, U. – Preprinted from Bibl. Univ., Genève 24: 214-234. 1827.

6284. *Mémoire sur le genre Halimocnemis* [Mém. Acad. Toulouse 1839]. Oct.
Publ.: 1839, p. [1]-5. *Copy*: FI. – Reprinted and to be cited from Mém. Acad. Toulouse 5: 177-184. 1839. Important for lectotypification.

6285. *Chenopodearum monographica enumeratio*: ... Parisiis (apud P.-J. Loss, ...) 1840. Oct. (*Chenop. monogr. enum.*).
Publ.: Mai 1840 (TL-1), p. [i]-xi, [1]-182. *Copies*: G, L, MO, NY, US, USDA; IDC 667. – For a preliminary *Conspectus generum Chenopodiacearum* see Ann. Sci. nat., Bot. ser. 2. 4: 209-218. 1835.
Ref.: Boreau, Rapport sur la monographie des Chenopodiacées de M. M.-T., Angers, 4 p. (repr. from Bull. Soc. industr. Angers).

6286. *Eléments de tératologie végétale*, histoire abrégée des anomalies de l'organisation dans les végétaux; ... Paris (P. J. Loss, ...) 1841. Oct. (*Elém. térat. vég.*).
Publ.: Jan-Feb 1841 (Flora 28 Mar 1841), p. [i]-xiii, [1]-404. *Copy*: FI.

6287. *Considérations sur la fleur des crucifères*; ... [extrait des Mémoires de Académie des Sciences de Toulouse 1849]. Oct.
Co-author: Philip Barker Webb (1793-1854).
Publ.: 1849, p. [1]-24. *Copy*: FI. – Reprinted and to be cited from Mém. Acad. Sci. Toulouse 5: 364-387. 1849. – See also *in* W. J. Hooker, London J. Bot. 7: 1-16. 1848.

6288. *Du nom que doit porter la famille naturelle des Anserines,* des Arroches et des Soudes. [Extrait des Mémoires de l'Académie des Sciences de Toulouse]. 1850. Oct.
Publ.: 1850 (read 9 Aug 1850), p. [1]-5. *Copy*: FI. – Reprinted and to be cited from Mém. Acad. Sci. Toulouse 6: 344-348. 1850.

6289. *Eléments de botanique médicale* contenant la description des végétaux utiles à la médecine et des espèces nuisibles à l'homme, vénéneuses ou parasites précédée de considérations sur l'organisation et la classification des végétaux ... Paris (J.-B. Baillière et fils ...) Londres, Madrid, Montpellier, Leipzig 1861. 18-mo. (*Élém. bot. méd.*).
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Ed. 2 (reissue): 1866, p. [i]-xx, [1]-543. *Copies*: BR, USDA.
Ed. 3 (reissue): 1875, p. [i]-xx, [1]-543. *Copies*: B, NY.
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Morandi, Giambattista (Giovanni Battista) (*fl.* 1744), Italian medical botanist and artist at Milano. (*Morandi*).

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BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 511; BM 3: 1347; Dryander 3: 458; Herder p. 409; HU 522; Kew 4: 51; NI 1400; Plesch p. 340-341; PR 6415-6417 (ed. 1: 7135-7137); Rehder 5: 588; Saccardo 1: 113, 2: 75; Tucker 1: 497.
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Woodward, B. B., *in* G. Murray, Hist. coll. BM(NH) 1: 43. 1904.

EPONYMY: The derivation of *Moranda* Scopoli (1777) is not given by the author.

6290. *Historia botanica practica,* seu plantarum quae ad usam medicinae pertinent, nomenclatura, descriptio, et virtutes, cum ab antiquis, tum a recentibus celebrium auctorum scriptis desumptae, aeneis tabulis delineatae, atque ad vivum ex prototypo expressae, nec non in classes xxxv. distributae, ut facilius cujusque simplicis genus, ac species dignoscantur. Opus equitis Joannis Baptistae Morandi ... Mediolani (ex typographia Petri Francisci Malatestae ...) 1744. Fol. (*Hist. bot. pract.*).
Ed. 1: 1744 (pref. 5 kal. Oct 1744), frontisp., p. [i-xii], 1-32, 1-11, *pl. 1-8,* 13-26, *pl. 9-18,* 27-36, *pl. 19-22* etc. up to p. 164 and *pl. 68* (uncol. copp. auct.). Some plates are conjugate with text leaves; "the book would bear further investigation" (Collins, in Sotheby). *Copies*: FI, HU, NY.
Ed. 2: 1761 "nihil mutata" (HA), but differs even so "in a few unimportant particulars" (Britten). It was reset throughout with minor typographical changes; p. [i-x], 1-32 [24 in NY copy], 1-162, [163-164], *pl. 1-68. Copies*: FI, NY, U.
Ref.: Britten, J., J. Bot. 56: 212-217. 1918 (on mss.).
Sotheby, Cat. Stiftung Bot. 2: 194-195. 1975 (collation).

More, Alexander Goodman (1830-1895), British botanist, entomologist, and ornithologist; assistant, later curator of the Natural History museum, Dublin (1867-1887). (*More*).

HERBARIUM and TYPES: DBN; other material at BM GL, and OXF.

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6291. *A supplement to the "Flora vectensis."* London (printed by Taylor and Co., ...) 1871. Oct. (*Suppl. fl. vect.*).
Publ.: 1871 (J. Bot. Feb 1872), p. [i], 1-30. *Copies*: BR, G. – Reprinted and revised from J. Bot. 9: 72-76. 1 Mar, 135-145. 1 Mai, 167-172. 1 Jun, 202-211. 1 Jul 1971. – See W. A. Bromfield, no. 792, for *Flora vectensis.* – Preceded by a "Catalogue of flowering plants and ferns, growing wild in the Isle of Wight", publ. by Isle of Wight philosophical and scientific Society, 11 p. Ryde, 1868.
Ref.: Trimen, H., J. Bot. 10: 58. 1872.

6292. *Recent additions to the Flora of Ireland*: being a first supplement to the Cybele hibernica ... Dublin (printed at the University Press, ...) 1872. Qu. (*Addit. fl. Ireland*).
Publ.: 1872, p. [1]-40. *Copies*: MO, NY. – Preprinted or reprinted from Proc. R. Irish Acad. ser. 2. 1: 256-293. 1873/4.

Moreau, Fernand (1886-1980), French mycologist and lichenologist; Dr. Sci. Paris 1913; at Clermond Ferrand (Faculty of Sciences) and director of the biological station at Besse, Puy-de-Dôme; from 1936 director of the Jardin botanique de la ville de Caen. (*Moreau*).

HERBARIUM and TYPES: P and PC (in part with Valentine Jeanneau, later Mme. F. Moreau, 1886-x).

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 98, 328; Barnhart 2: 511; GR p. 289-290, *pl.* [*31*], cat. p. 68; IH 2: 556; Kelly p. 152-153; Kew 4: 52; LS 18206, 37118-37120, suppl. 18811-18894; MW suppl. p. 236; Plesch p. 341; SBC p. 127 ("Moreau").
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Moreau, F., Bull. Soc. bot. France 105: 363-429. 1958.

6293. Série A. no. 736 ... Thèses présentées à la faculté des sciences de l'Université de Paris pour obtenir le grade de docteur ès sciences naturelles par Fernand Moreau ... 1re thèse. – *Recherches sur la reproduction des Mucorinées* et de quelques autres thallophytes ... soutenues le [pencil: 13] juin 1913 ... Poitiers (Société française d'imprimerie et de librairie ...) 1913). Oct. (*Rech. repr. mucor.*).
Publ.: 13 Jun 1913, p. [i-ii], [1]-136, [1, thèse; 1, cont.], *pl. 1-14* with text. *Copies*: FH (2), NY(2).
Ref.: Vuillemin, P., Bot. Centralbl. 123: 381- 383. 1913 (rev.).

6294. *Les lichens.* Morphologie, biologie, systématique ... Paris (Paul Lechevalier, ...) 1928. Oct. (*Lichens*).
Publ.: Nov-Dec 1927 (cover: 1927, t.p. 1928; Nat. Nov. Feb 1928; p. 147: 20 Oct 1927), p. [1]-144, *pl. 1-2*, [1-3, expl. pl., cont., date]. *Copies*: BR, FH, Stevenson (2), USDA.

Morel, J. F. Nicolas (*fl.* 1805), French botanist at Besançon. (*J. F. N. Morel*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Jackson p. 418; PR 6422 (ed. 1: 7144); Rehder 5: 588; Tucker 1: 497-498.

EPONYMY: *Morelia* A. Richard ex A. P. de Candolle (1830) commemorates Morel, French collector who died during his explorations in Senegal (ca. 1824). *Morelodendron* Cavaco & Normand (1951) is dedicated to J. Morel (fl. 1950), French colonial forester in Gabon. *Morelosia* La Llave & Lexarza (1824) is dedicated to José Morelos, most probably a Mexican revolutionary. *Morelotia* Gaudichaud-Beaupré (1829) is dedicated to Simon Morelot (1751-1809), French pharmacist.

6295. *Catalogue des plantes du jardin botanique établi à Besançon,* département du Doubs, . . . à Besançon l'imprimerie de la veuve Daclin) an xiii [1805]. Oct. (*Cat. pl. jard. Besançon*).
Publ.: an xiii, 1805, p. [i]-viii, [1]-112. *Copy*: G.

Morel, Jean-Marie (1728-1810), French landscape architect and horticulturist at Lyon. (*J. M. Morel*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 512; Herder p. 153; Plesch p. 341; PR (ed. 1: 7145); Rehder 5: 588; Sotheby no. 552; Tucker 1: 498.

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6296. *Tableau dendrologique,* contenant la liste des plantes ligneuses indigènes et exotiques acclimatées, la manière dont elles se propagent, le terrain et l'exposition qui leur conviennent, leur grandeur, les principaux caractères de leurs feuilles, le mois dans lequel éclosent les fleurs des plantes en qui elles sont apparentes, leurs fruits cultivés ou sauvages, et ceux de celle dernière classe qui ornent les arbres qui les produisent, enfin la qualité de leur bois; . . . à Lyon (Aux dépens de la Société libre d'Agriculture, d'Histoire naturelle et des Arts utiles, De l'imprimerie de Bruyset aîné C.e) an viii [1800]. Qu. (*Tabl. dendrol.*).
Publ.: an viii = 1800, p. [i*-11*], [i]-viii, [1]-52, [1, abbr.]. *Copy*: USDA.

Morel, L. F. (*fl.* 1865), French clergyman, high school teacher and mycologist. (*L. Morel*).

HERBARIUM and TYPES: Unknown.

NOTE: Morel was also the author of various religious treatises, such as Vie et doctrine de J. C., L'art de bien nourir, Catéchisme romain, and Montée de l'âme vers dieu.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1349; PR 6423.

6297. *Traité des champignons* au point de vue botanique, alimentaire et toxicologique orné de plus de 100 figures. Paris (Germer-Baillière, . . .), Moulins (chez Ch. Desrosiers, . . .) 1865. 18-mo. (sign. 12 and 24 p. alternate). (*Traité champ.*).
Publ.: 1865, p. [i*iv*], [i]-lxii, [67]-301, *pl. 1-18* (uncol. liths.). *Copies*: FH, NY, Stevenson.

Moretti, Giuseppe (1782-1853), Italian botanist; professor of botany and director of the Botanical Garden at the University of Pavia 1826-1853. (*Moretti*).

HERBARIUM and TYPES: PAD (fide Saccardo); further material at BASSA, C, FI, G, H, PAV.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 577; Backer p. 380; Barnhart 2: 512; BL 2: 414, 693; BM 3: 1349; Bossert p. 273; CSP 4: 465-466; DTS 1: 199-200; Frank 3(Anh.): 67; Hegi 6(1):

346; Herder p. 467; Hortus 3: 1200 ("Moretti"); IH 1(ed. 6): 362, 2: 557; Jackson p. 315; Kew 4: 53-54; Langman p. 525; Lasègue p. 342; LS 18211-18213; MW p. 332; PR 6425-6449 (ed. 1: 7150-7179); Rehder 5: 588; Saccardo 1: 113, 2: 75, cron. xxvii; TL-2/1: see Boccone, P.; Tucker 1: 498; Zander ed. 10, p. 694, ed. 11, p. 791.

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Publ.: 1815, p. [1]-16, *1 pl. Copy*: FI. – Reprinted and to be cited from Giorn. fis. 8: 121-136. 1815. Continued ib. 3: 16-23, 252-258. 1820 (journal publ. n.v.).

6299. *Osservazioni sopra diverse specie di piante indigene dell' Italia* lettera del professore Moretti al direttore della Bibliotheca Italiana. Milano (presso la direzione del giornale ...) s.d. [1818]. Oct.
Publ.: 1818, p. [1]-12. *Copy*: G. – Reprinted from Bibl. ital. 9: 367-376. 1818 (n.v.). To be cited from journal.

6300. *De quibusdam plantis Italiae.* Ex primo volumine (Bimestre i.) Diarii Physices, Chemice et Historiae naturalis, quod Ticini [Pavia] evulgatum anno 1822.
Decas prima: (n.v.) in Bibl. ital. 12: 369. passim.
Decas secunda: Jan-Feb 1822 (title as above), p. [1]-11. Reprinted from Giorn. fis. Dec. II. 5: 40-48. 1822 (journal n.v.).
Decas tertia: Mar-Apr 1822, p. [1]-8. Reprinted from id. 5: 108-113. 1822 (journal n.v.).
Decas quarta: Jul-Aug 1822, p. [1]-15. Reprinted from id. 5: 245-258. 1822 (journal n.v.).
Decas quinta: Sep-Oct 1822 (Flora Dec 1822), p. [1]-8. Reprinted from id. 5: 321-326. 1822 (journal n.v.).
Decas sexta: Mar-Apr 1823, p. [1]-9. Reprinted from id. 6: 139-145. 1823.
Decas septima: Mar-Apr 1824, p. [1]-12. Reprinted from id. 7: 95-104. 1824 (journal n.v.).
Copies: E (4, 5, 6), G (2-7), REG (2-7), WU (1, 5, 7).

6301. *Intorno alla flora veronensis* del signor professore Pollini osservazioni del professore Moretti. Milano (dall' Imperial regia Stamperia 1822. Oct.
Publ.: 1822, p. [1]-36. *Copy*: G. – Reprinted from Bibl. ital. 1822. To be cited from journal. See C. Pollini for Fl. veron. 1822 [-1824].

6302. *Tentativo diretto* [sic] *ad illustrare la sinonimia delle specie del genere Saxifraga* indigene del suolo italiano ... Pavia (Nella Stamperia Fusi e Comp.) 1823. Qu.
1: 1823, p. [1]-12. *Copy*: G. – Reprinted and to be cited from Giorn. fis. 6: 460-471. 1823.
2: 1824, ibid. 7: 104-108, 161-166. – No reprint with indep. pagination seen.
3: 1825, ibid. 8: 282-291. – Id.
4: 1826, ibid. 9: 94-104. – Id.

6303. *Il botanico italiano* ossia discussioni sulla flora italica del professore Giuseppe Moretti ... Pavia (Nella Stamperia Fusi e Comp.) 1826. Qu.
Publ.: 1826, p. [1]-44, *pl. 1-3* (uncol.). *Copies*: G, NY, U. – Originally published Giorn. Fis. Chim. Stor. nat. Pavia 9: 65-82, 154-166, 238-250. 1826. To be cited from journal.
Ref.: DTS 1: 199. 1900.

6304. *De Primulis italicis* tentamen inaugurale quod annuentibus magnifico domino rectore ... auspice Josepho Moretti ... pro doctoris medicinae laurea rite capessenda in celebratiss. i.r. archigymn. ticinensi mense aprilis an. m.d. ccc.xxxi una cum thesibus adnexis publicae disquisitioni submittebat Alexander Lattuada ... Ticini regii [Pavia] (ex Typographia Fusi et Socii) [1831]. Oct. (*Primul. ital.*)
Publ.: Apr. 1831, p. [1]-24. *Copies*: FI (p. [1]-22), HU, WU (p. [1]-24). – Nothing is known to us about the "defendens" Alexander Lattuada. We follow DTS and PR in ascribing the text to Moretti. See below *Syn. Veronic.* Saccardo (1: 95), however, attributes the publication to Lattuada.

6305. *Scillae maritimae monographia* quam annuentibus magnifico domine rectore ... auspice D. re Josepho Moretti ... pro doctoris medicinae laurea rite capessenda in celebratis i.r. archigymn. ticinensi mense aprilis an. mdcccxxxii. una cum thesibus adnexis publicae disquisitioni submittebat Franciscus Battaleni ... Ticini regii [Pavia] (ex Typographia Fusi et socii) [1832]. Oct. (*Scill. mar. monogr.*).
Publ.: Apr 1832, p. [1]-30. *Copy*: WU. – For authorship see under *Syn. Veronic.* (1834).

6306. *Synopsis Veronicarum* quae in Italia sponte nascuntur, nonnullis additis ad virtutes medicas et usum therapeuticum ipsarum pertinentibus. Dissertatio inauguralis quam annuentibus magnifico domino rectore, per illustri facultatis medicinae p. directore, spectabili d. decano ac clarissimus d.d. professoribus auspice doct. Jos. Moretti botan. prof. o. pro doct. medic. laurea obtinenda in i.r. archigymnas. ticinensi mense Januar. anno 1834. Una cum adnexis thesibus publicae disquisitioni submittebat Mottini Petrus ex Grossoto in Valle Tellina chirurgiae doctor atque artis obstetricae magister. Ticini regii [Pavia] (ex typis Fusi et Socii) [1834]. Oct. (in fours) (*Syn. Veronic.*).
Publ.: Jan 1834, p. [1]-35. *Copies*: G, U. – Traditionally attributed to Moretti, in accordance with the possibility to obtain a degree based on a thesis written by the "promotor". For a Moretti dissertation to be attributed to the defendant see Schlosser, J. C., *De papilionaceis*, 1836.

6307. *Prodromo di una monografia delle specie del genere Morus* ... [Milano (dalla Tipografia Benardoni) 1842]. Oct.
Publ.: Sep 1842 (see Flora 27: 504. 1844), p. [1]-18, [1, colo.]. *Copies*: FI, G, MO; IDC 6461 – Reprinted from Giorn. r. Ist. Lombardo Sci., Bibl. ital. 1: 85-102. 1841 (i.e. 1842). To be cited from journal.
Ref.: Anon., Flora 26: 554-556. 1843, 27: 504. 1844.

6308. *Sugli Anacardi* orientale e occidentale (Semecarpus Anacardium, Linn. fil. et Anacardum occidentale, Linn.) Dissertazione del professore G. Moretti. Milano (Presso la Societa' degli Editori degli Annali Universali delle Scienze e dell' Industria ...) 1851. Oct. (*Anacardi*).
Publ.: Jan-Mar 1851 (in journal), p. [1]-43. *Copies*: FI, NY, WU. – Reprinted from Giorn. agrar. Lomb.-Ven. 1851 (n.v.).

Morgan, Andrew Price (1836-1907), American mycologist who introduced C. G. Lloyd to mycology; high school teacher at Dayton, Ohio. (*Morg.*).

HERBARIUM and TYPES: IA; further material at B, CUP, NY, SIU.

NOTE: GR, p. 233, notes "(1908) in Harrison/Ohio living," but cites also the conventional date of death 19 Oct 1907 at Preston, Ohio.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 513; BL 1: 207, 309; CSP 12: 519, 17: 349-350; GR p. 233; Hawksworth p. 184; IH 2: 557; Kelly p. 153-154; Kew 4: 54; Lenley p. 299; LS

18214-18264, 36127-36134; NAF 1(1): 165, 9(6): 443; PH 26, 567, 906; SBC p. 127 ("Morg."); SO 2807; Stevenson p. 1251; Tucker 1: 498; Urban-Berl. p. 279.
Anon., Bot. Not. 1908: 47; J. New York Bot. Gard. 9: 91. 1908 (herb. given to IA; some material also in Ellis coll. at NY); Torreya 8(2): 36, 92. 1908 (coll. to IA).
Armstrong, C. A., Ohio Natural. 1: 37. 1901.
Barnhart, J. H., North Amer. fl. 9(6): 443. 1916.
Burk, W. R., Bibl. N. Amer. Phall. 130. 1980.
Hesler, L. R., Biogr. sketches N. Amer. mycol. 1975 (mss.).
Kellerman, W. A., *in* Geol. Ohio pl. 57, 65, 66, 67, 68, 72, 76, 77, 78. 1895; J. of Mycol. 13: 233-236. 1907 (portr., bibl., b. 27 Oct 1836, d. 19 Oct 1907.
Lloyd, C. G., Mycol. Notes 31: 397-398. 1908 (portr.).
Murrill, W. A., Hist. found. bot. Florida 29. 1945.
Palmer, J. R., Nova Hedwigia 15: 150. 1968 (bibl. Gasteromyc.).
Rogers, D. P., Brief hist. mycol. N. Amer. 17. 1977.
Wycoff, E., Bibl. Contr. Lloyd Libr. 9: 392. 1913.

EPONYMY: *Morganella* Zeller (1948).

6309. *Flora of the Miami Valley, Ohio* ... Dayton, Ohio (published by the Literary Union) 1878. (*Fl. Miami Valley*).
Publ.: 1878 (p. 4: 10 Apr 1878), p. [1]-68. *Copy*: NY.
Ref.: Anon., Hedwigia 22(11): 176. Nov 1883.

6310. *The mycologic flora of the Miami Valley, Ohio* ... [from the Journal of the Cincinnati Society of Natural History vols. 6-11, 1883-1888.] Oct.
Publ.: A series of papers, reprinted with original pagination but changed initial pages from J. Cincinnati Soc. nat. Hist. as follows (set at NY): 54-81, *pl. 2-5*. Apr 1883, 97-117, *pl. 8*. 1883, 173-199, *pl. 9*. 1883, 7: 5-10, *1 pl.* 1884, 8: 91-111, *pl. 1*. Jul 1885, 168-175. Oct 1885, 9: 1-8. 1887, 10: 7-18. 1887, 188-202. Jan 1888, 11: 86-95, *pl. 27*. Oct 1888.

6311. *Description of a new Phalloid.* Advance sheet from Journal of the Cincinnati Society of natural History. October 1892. (*Descr. Phalloid*).
Publ.: Oct 1892, p. [1-2], *pl. 2*. *Copy*: NY. – Final publ. in J. Cincinnati Soc. nat. Hist. 15: 171-172. 1892/93. (*Phallogaster*, gen. nov.).

6312. *The myxomycetes of the Miami Valley*, Ohio from the Journal of the Cincinnati Society of natural History 1893-1900.
Publ.: A series of five papers published in the J. Cinc. Soc. nat. Hist., reprinted with changed pagination, p. [1]-130, 1893-1900.

No.	journal	reprint	dates
1	15: 127-143, *pl. 3*	1-17	Jan 1893
2	16: 13-36, *pl. 1*	19-42	Apr 1893
3	16: 127-156, *pl. 11-12*	43-72	Feb 1894
4	19: 1-44, *pl. 1-3*	73-110, *pl. 13-15*	23 Aug 1896 (Nat. Nov. Jan(1) 1897
5	19: 147-166	111-130	1900

Copy of reprint: MO, NY. – To be cited from journal.

Morgan, Robert (1863-1900), British artist and lithographer; contributed plates to e.g. J. Bot. 1882-1900; illustrated Fryer's *Potamogeton*. (*R. Morgan*).

HERBARIUM and TYPES: None; the originals of his drawings for Fryer and J. Bot. are at BM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 513; BB p. 221; Desmond p. 450; TL-2/1: 1908 (q.v. for *The Potomagetons of the British Isles*).
Anon., Proc. Linn. Soc. 113: 46-47. 1901.
Britten, J., J. Bot. 38: 489-492. 1900 (portr.).

Morgenroth, Eduard (1861-?), German palaeobotanist; Dr. phil. Leipzig 1883; ultimately "Oberstudienrat" in Berlin (*Morgenroth*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 304; BM 3: 1350; Quenstedt p. 486 (b. 10 Nov 1861).
Anon., Hedwigia 54(2): (125). 1913 (app. Berlin).

6313. *Die fossilen Pflanzenreste im Diluvium der Umgebung von Kamenz* in Sachsen. Inaugural-Dissertation zur Erlangung der philosophischen Doctorwürde der hohen philosophischen Facultät der Universität Leipzig ... Halle a.S. (Gebauer-Schwetschke'schen Buchdruckerei) 1883. Oct. (*Foss. Pfl.-Reste Kamenz*).
Publ.: Sep-Oct 1883 (Bot. Centralbl. 15-19 Oct 1883; Bot. Zeit. 30 Nov 1883), p. [1]-49. *Copy*: MO. – "vita": b. 10 Nov 1861.
Ref.: Geyler, Bot. Centralbl. 18: 71-72. 1884.

Mori, Antonio (1847-1902), Italian botanist; acting director botanical garden of Pisa 1880-1881; director of the botanical garden of Modena (1883-1902), professor of botany from 1888. (*A. Mori*).

HERBARIUM and TYPES: MOD and PAD; other material at AK, DBN, DOMO, FI, GB and MANCH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 515; BL 2: 352, 693; Bossert p. 273 (b. 21 Dec 1847, d. 6 Apr 1902); GR p. 536 (b. 21(19) Dec 1847); Herder p. 259; IH 2: 558; Morren ed. 2, p. 27, ed. 10, p. 85; Rehder 5: 589; Saccardo 1: 113 (b. 21 Dec 1847); Tucker 1: 498.
Anon., Bot. Centralbl. 16: 256. 1883 (to Modena), 34: 383. 1888 (prof. bot. Modena); Bot. Jahrb. 31(Beibl. 70): 28. 1902 (d.); Bot. Not. 1903: 34 (d.); Nat. Nov. 24: 390. 1902 (d. 6 Apr 1902); Österr. bot. Z. 38: 254. 1888 (app. Modena).
Ciferri, R., Taxon 1: 126. 1952 (herb. MOD & PAD).
De Toni, G. B., Bull. Soc. bot. France 49: 243. 1902 (obit., b. 21 Dec 1847, d. 6 Apr 1902), Malpighia 20: 279-282. 1906.
Dörfler, J., Botaniker-Adressbuch 99. 1896.
Fiori, A., Bull. Soc. bot. ital. 1902: 58-59.
Gager, C. S., Brooklyn Bot. Gard. Rec. 27(3): 275, 283. 1938.
Goulding, J. H., Rec. Auckland Inst. Mus. 12: 119. 1975 (material at AK).
Pantanelli, E., Bull. Soc. bot. ital. 1902: 59-64 (bibl.).

COMPOSITE WORKS: Parlatore, F., ctd. by T. Caruel, *Fl. ital.* 8(3), *Plumbaginaceae* 1889.

HANDWRITING: Rec. Auckland Inst. Mus. 12: 118. 1975.

6314. *Contribuzione alla flora del Modenese* e del Reggiano [Modena 1886]. Oct.
Publ.: 1886, p. [3]-16. *Copy*: FI. – Reprinted and to be cited from Atti Soc. nat. Modena 5: 113-116. 1886.

Mori, Tamezô (1884-1962), Japanese botanist; AB Tokyo 1909; teacher in Korea from 1909. (*T. Mori*).

HERBARIUM and TYPES: TI.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 513; CSP 17: 353; IF suppl. 4: 332; IH 2: 558; MW p. 332, suppl. p. 238.
Gilbert, P., Comp. biogr. lit. deceased entom. 264. 1977.
Hasegawa, H., Kontyû 35(suppl.): 85-86. 1967.

6315. *An enumeration of plants hitherto known from Corea* ... Seoul, Corea (Published by the Government of Chosen) 1922. (*Enum. pl. Corea*).
Publ.: Apr-Aug 1922 (p. 5: 12 Mar 1922; US rd. 12 Sep 1922; J. Bot. Sep 1922), p. [i-v], [1]-

10, [1]-3, [1]-2, [3], [i]-vii, [i]-vii, [1]-372, [1]-174, [1, expl. pl.], *5 pl.* (uncol.). *Copies*: H, MO, US, USDA.

Moriarty, Henrietta Maria, Mrs, (*fl.* 1806, *d.* 1843?), British novelist. (*Moriarty*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 514; BM 3: 1350, 7: 866; Desmond p. 450; DU 214 (1807); GF p. 69; Jackson p. 407; Kew 4: 55; NI 1407; Plesch p. 341; Rehder 5: 589; SO add. 785n; Sotheby 2: 196 (no. 554).
Britten, J., J. Bot. 55: 52-54. 1957.

6316. *Viridarium*: Coloured plates of greenhouse plants, with the Linnean names, and with concise rules for their culture ... London (printed by Bewick & Clarke, ... for the author, ...) 1806. (*Viridarium*).
Orig.: 1806 (p. vi: Jan 1806), p. [i]-xii, *pl. 1-50* with text, [1-6, ind.]. *Copy*: NY. – (adapted with slight alterations from Curtis's *Bot. Mag.*; ugly plates, handcol. copp.). "Very rare" (Wheldon and Wesley cat. 1319 no. 87, 1974).
Reissue: 1807, p. [i]-xii, *pl. 1-50* (id.), [1-4, index]. *Copy*: NY. – "*Fifty plates of greenhouse plants,* drawn and coloured from nature. With concise descriptions, and rules for their culture. Intended also for the improvement of young ladies in the art of drawing ... second edition." London (printed for the author, by T. Bensley, ...) 1807.

Moricand, Moïse Étienne, called Stefano (1779-1854); Swiss botanist; commercial traveller in Italy for the Swiss watch industry; later in Genève working (in his spare time) with A. P. de Candolle. (*Moric.*).

HERBARIUM and TYPES: Moricand's herbarium, particularly rich in early 19th century collections and consisting of about 50.000 specimens, is now part of the general herbarium of Genève (G). The *Plantes nouvelles d'Amérique* are mainly based on collections by Pavón, Berlandier and Blanchet. – Duplicates at CN, FI, G-DC, H, OXF, P, US, W.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(4): 68, 173; Barnhart 2: 514; BL 2: 415, 693; BM 3: 1350; Bossert p. 273; Clokie p. 214; CSP 4: 467-468; Hortus 3: 1200 ("Moric."); IH 2: 558; Jackson p. 323, 355; Herder p. 179, 225; Kew 4: 55; Langman p. 525; ME 3: 412; NI 1408-1409; PH 98, 567; PR 6450-6452 (ed. 1: 7180-7182); Rehder 5: 589; RS p. 120; Saccardo 1: 113-114, 2: 75, cron. xxvii; TL-1/889-890; TL-2/1: 1004, see Berlandier, J. L.; Tucker 1: 498, 3: 212; Zander ed. 10, p. 694, ed. 11, p. 791.
Anon., Bot. Bot. 1855: 159 (d.); Bot. Zeit. 12: 536. 1854; Bull. Soc. bot. France 1: 106-107. 1854; Flora 37: 768. 1854; Österr. bot. W. 4: 270. 1854 (d.).
Bord, B., Aesculape Mai 1938: 12-13.
Briquet, J., Annuaire Cons. Jard. bot. Genève 13/14: 6. 1909-1911.
Candolle, Alph. de, Phytographie 435. 1880 (herb. then still with Moricand fils).
Candolle, A. P., Hist. bot. genev. 55. 1830, Mém. souv. 337. 1862.
Cavillier, F., *in* J. Briquet, Bull. Soc. bot. Suisse 50a: 487-490. 1940 (biogr., bibl., epon., b. 18 Dec 1779, d. 26 Jun 1854).
Gautier, J. A., Mém. Soc. Phys. Hist. nat. Genève 14(1): v-viii. 1855 (obit.).
Herder, F. v., Bot. Centralbl. 55: 266, 292. 1893 ("plantae ex Helvetia" at LE, Bahia-Pflanzen id.; all obviously ex herb.).
Kukkonen, I., Herb. C. Steven 73. 1971 (material at H.).
Miège, J. & Wuest, Saussurea 6: 132. 1975.
Moretti, G., Intorno alla Flora venata del Sig. Moricand. Milano 1822, 18 p.
Schlechtendal, D. F. L. von, Bot. Zeit. 5: 475-477. 2 Jul 1847.
Steinberg, C. H., Webbia 32(1): 11, 32. 1977 (material at FI).

EPONYMY: *Moricandia* A. P. de Candolle (1821).

6317. *Flora veneta,* seu enumeratio plantarum circa Venetiam nascentium, secundum methodum Linnaeanam disposita, ... Vol. i. Genevae (ex Typ. J. J. Paschoud, ...) Parisiis (apud eumdem, ...) 1820. Oct. † (*Fl. venet.*).

Publ.: Jul 1820 (BF: 22 Jul 1820), p. [i]-x, [1]-439. *Copies*: FI, G, MO, NY, USDA. – Vol. 2, Cryptogams, remained unpublished. See Moretti (1822) for a critical evaluation.

6318. *Plantes nouvelles d'Amérique* ... Genève (Imprimerie de Jules-Gme Fick ...) 1833-1846[-1847]. Qu. (*Pl. nouv. Amér.*).
Publ.: 1834-1847 (see below), p. [i]-iv, [1]-176, *pl. 1-100*. Copies: FI, H, US, USDA; IDC 6082. – The text of livr. 1 was also published in Mém. Soc. Genève 6(2): 529-536 (1834); livr. 2 in 7(1): 249-264 (1836). The remaining parts were issued independently. Livr. 1 was dated 1833 [erreoneously, because the Mémoires 6(2) were published in 1834, see e.g. p. 545] and livr. 2, 1836 (possibly publ. 1835), but they were set up from fresh type and probably appeared together (in this form) in 1836. The first part was originally due for publication in 1830 by Barbezat at Genève under the title *Plantae americanae rariores descriptae et iconibus illustratae* (NI 1408). Publication did not take place due to bankruptcy of the publisher. However, this first unpublished part (which was to contain plates 1-10) is reviewed in the Bulletin Botanique (Genève) 6: 171-175. Jun 1830, and in the Bulletin des Sciences naturelles et de géologie of Férussac (23: 77-79. Sep 1830). The reviews contain the Latin description of the species, which establishes valid publication! Pritzel cites this unpublished part under number 6451 and adds "Fasciculus casu infelici ineditus". For a more detailed account see Schlechtendal (1847) and Briquet (1940). All parts are enumerated, with the plates and dates of each, in the preface to the completed work.

livr.	pages	*plates*	dates
1	[1]-8	*1-6*	1834 („1833")
2	9-24	*7-16*	1836
3	25-40	*17-26*	1837
4	41-56	*27-38*	1837
5	57-76	*39-50*	1839
6	77-96	*51-60*	1840
7	97-116	*61-70*	1841
8	117-140	*71-84*	Jan-Aug 1844
9	141-176, i-iv	*85-100*	Jan-Jun 1847

Copies: G, MO, NY (orig. covers), US, USDA; IDC 6082. – The original paper cover of each livraison bears the title: "Plantes nouvelles ou rares de l'Amérique." The number of the livraisons, the numbers of the plates contained in it, and the year, were filled in by hand. Livr. 1 & 2 were reviewed as the *first* part in Linnaea 11(Lit.-Ber.): 186 (1837). Livr. 4 was reviewed in Linnaea 12(Lit.-Ber.): 186 (1838) as of "1837". Livr. 8 was reviewed in Bot. Zeit. 2: 615. (30 Aug 1844), Livr. 9 ibid. 5: 475. (2 Jul 1847). The preface (p. iv) is dated 30 Dec 1846. If the ninth part was published at the same time, as suggested by Barnhart, its date is 1847. The plates are copper engravings (79) or lithographs (21) of drawings by Moricand. The engravings were made by Heyland.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 2: 615-616. 30 Aug 1844 (livr. 8), 5: 475-477. 2 Jul 1847 (livr. 9).

Morière, Pierre Gilles, calles **Jules** (1817-1888), French botanist and palaeontologist; high school teacher at Condé-sur-Noireau 1837-1838, at Caen from 1838-1859; director Jardin botanique de la ville de Caen (1859-1871); professor of botany at the Faculté des Sciences de Caen from 1859; longtime secretary of the Société Linnéenne de Normandie (c. 1859-1888); Dr. sci. Lyon 1859. (*Morière*).

HERBARIUM and TYPES: CN. – 15 letters to Malinvaud at P.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 514; BL 2: 185, 693; BM 3: 1350-1351; Herder p. 467; IH 1(ed. 6): 362, 2: 558; Jackson p. 104, 184, 362; Morren ed. 2, p. 18, ed. 10, p. 61; Quenstedt p. 302; Rehder 5: 589; TL-2/724; Tucker 1: 498.
Candolle, A. P. de, Phytographie 435. 1880 (pl. at CN).
Dangeard, P. A., J. de Bot. 2: 388. 1888, 3: 13-16. 1889 (bibl., obit.).

Duchartre, P. E. S., Bull. Soc. bot. France 35: 371, 372-373. 1888 (obit.).
Gager, C. S., Brooklyn Bot. Gard. Rec. 27(3): 197. 1938 (dir. bot. Gard.).
Letacq, A. L., Invent. pl. crypt. vasc. Orne 256-257. 1906, Bull. Soc. Amis Sci. nat. Rouen ser. 5. 42: 116-117. 1907 (b. 8 Apr 1817).
Malinvaud, A. & A. de St. Germain, Ann. Bot. 2: 421-422. 1889.

COMPOSITE WORKS: Brébisson, *Fl. Normandie* ed. 5, 1879, "publiée par J. Morière", see TL-2/724. – Brébisson mentioned in his fourth edition that he left the work in the hands of M: "elle ne pourrait être en meilleures mains."

EPONYMY: *Morierina* Vieillard (1865). *Note*: *Moriera* Boissier (1841) commemorates James Justinian Morier (± 1780-1849), English traveller in Armenia, Iran and Asia Minor.

6319. *Note sur quelques herborisations* faites en 1860 . . . Caen (Typ. de A. Hardel, imprimeur-libraire) 1861. Oct. (*Not. herbor.*).
1860: publ. 1861 (t.p. reprint), p. [1]-13. *Copy*: NY. – Preprinted from Mem. Acad. natl. Sci. Caen 1863: 127-139.
1861: publ. 1862 (t.p. reprint), p. [1]-7. *Copy*: NY. – Preprinted from id. 1863: 35-40.

6320. *Note sur une liliacée de la Californie*, . . . Caen (A. Hardel, imprimeur-libraire, . . .) 1863. Oct.
Publ.: 1863, p. [1]-7, *pl. 15* (lith. uncol., Faguet). *Copy*: G. – Reprinted and to be cited from Bull. Soc. Linn. Normandie 8: 326-331. 1862/1863, publ. 1863. – Contains description *Allium* subg. *Rupalleya*.

Morin, François Malat Marie 1856-1900(?)), French clergyman and botanist; Dr. Sci. Rennes 1893; high school teacher at Dinan; from 1895-1897 professor of botany at the free University of Lyon. (*F. Morin*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 514; BM 3: 1351.
Magnin, A., Bull. Soc. bot. Lyon 35: 49. 1910.

EPONYMY: *Morinia* J. Cardot (1910). *Note*: *Morina* Linnaeus (1753) commemorates Louis Morin (1636-1715), French physician and botanist, collaborator of Tournefort in the Paris botanical garden.

6321. Thèses présentées à la faculté des sciences de Rennes pour obtenir le grade de docteur ès Sciences naturelles par l'abbé F. Morin . . . 1 re thèse. – *Anatomie comparée et expérimentale de la feuille des muscinées* anatomie de la nervure appliquée à la classification . . . soutenues le [ ] juillet 1893 . . . Rennes-Paris (Typographie Oberthur) 1893. Qu. (*Anat. feuille musc.*).
Publ.: Jul 1893 (Nat. Nov. Dec 1893; Hedwigia rd. Aug-Nov 1893; Bot. Centralbl. 14 Sep 1893), p. [i-vi], [1]-139, [1, thèse], *pl. 1-24* (uncol. liths. auct.). *Copy*: FH.

Morini, Fausto (1858-1927), Italian mycologist; originally at Bologna; director of the botanical garden and professor of botany at Sassari 1888-1892; idem at Messina 1892-1897; professor of botany and director of the R. Istituto ed Orto Botanico at Bologna, succeeding Mattirolo, 1897-1927. (*Morini*).

HERBARIUM and TYPES: BOLO, PAD.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 514; BM 3: 1351, 10: 850; CSP 17: 355; Hirsch p. 204; IH 2: 558; LS 18282-18304a, 37140-37142, suppl. 18935-18937; Rehder 5: 589; Stevenson p. 1251; Tucker 1: 498.
Anon., Bot. Centralbl. 37: 191. 1889 (app. Sassari [1888]); Bot. Jahrb. 10, Beibl. 23: 1. 1889, 25 (Beibl. 60): 55. 1898 (prof. bot. Bologna [1897], succeeding O. Mattirolo who went to FI); Nat. Nov. 20: 145. 1898 (app. Bologna); Österr. bot. Z. 39: 160. 1889 (app. Sassari), 48: 119. 1898 (app. Bologna).
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6322. *La sistemazione delle Puccinie* . . . Bologna (Tipografia Gamberini e Parmeggiani) 1882. Qu.
Publ.: 1882, p. [1]-17. *Copy*: FI. – Reprinted and to be cited from Mem. r. Accad. Sci. Ist. Bologna ser. 4. 4: 107-121. 1882.

6323. Ancora sulla questione della *sessualità nelle Ustilaginee* . . . Bologna (Tipografia Gamberini e Parmeggiani) 1885. Qu.
Publ.: 1885, p. [1]-10. *Copy*: FI. – Reprinted from Mem. r. Accad. Sci. Ist. Bologna ser. 4. 6: 283-290. 1885.

6324. *Biografia degli apoteci della Lachnea theleboloides* (A. et S.) Sacc. . . . Bologna (Tipografia Gamberini e Parmeggiani) 1889. Qu.
Publ.: 1889, p. [1]-31, *1 pl. Copy*: FI. – Reprinted and to be cited from Mem. r. Accad. Sci. Ist. Bologna ser. 4. 9: 611-639 (alt.: 189-217). 1889.
Preliminary Publ.: 1887, Rendic. Sess. r. Accad. Sci. Ist. Bologna 1886/7: 59-63. 1887, reprinted Bologna (id.). 1887, p. [1]-7. *Copy*: FI.

6325. *Note micologiche* . . . Genova (tipografia di Angelo Ciminago . . .) 1896.
Publ.: 1896, p. 1-30, *1 pl. Copy*: FI. – Reprinted and to be cited from Malpighia 10: 72-99. 1896.

6326. *Materiali per una monografia delle Pilobolee* . . . Bologna (Tipografia Gamberini e Parmeggiani) 1906. Qu.
Publ.: 1906, p. [1]-21, *1 pl. Copy*: FI. – Reprinted and to be cited from Mem. r. Accad. Sci. Ist. Bologna ser. 6. 3: 381-399. 1906.

Moris, Giuseppe Giacinto (Joseph Hyacinthe) (1796-1869), Italian botanist; from 1822-1829 at the University of Cagliari; from 1829 professor of botany at Torino; director botanical garden ib. 1831-1869. (*Moris*).

HERBARIUM and TYPES: TO (incl. library); further material, especially from Sardinia at DBN, E, FI, G-DC, NAP, OXF, P, PI, SASSA, and W.; mycological types at PAD.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 264, 4: 421, 7: 368-369; Backer p. 381; Barnhart 2: 514; BL 2: 387, 400, 693; BM 3: 1351; Bossert p. 273; Cesati p. 272; Clokie p. 214; CSP 4: 473-474, 8: 439; De Toni 1: lxxxvii; GR p. 519, cat. p. 68; Hegi 6(2): 1254; Herder p. 179; Hortus 3: 1200 ("Moris"); IH 1 (ed. 6): 362, 2: 558; Jackson p. 145, 317, 321, 438; Kew 4: 56; LS 18305-18306; NI 1410; PR 6457-6461 (ed. 1: 7189-7194); Rehder 5: 589; Saccardo 1: 114, 2: 75-76, cron. xxviii; SBC p. 127 ("Moris"); TL-1/891-892; Tucker 1: 499; Urban-Berl. p. 376; Zander ed. 10, p. 694, ed. 11, p. 791-792.
Anon., Bonplandia 1(7): 67. 1853, 6: 48. 1858 (Leopoldina cogn.: Monti); Bot. Zeit. 28: 760. 1870; Bull. Soc. bot. France 16(C.R.): 225, (bibl.): 96. 1869; Flora 52: 393-394. 1869; Proc. Linn. Soc. 1869-70: ciii-civ. 1870; Studi veget. Piemonte lxi-lxiv. 1929 (portr.).
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nian flora, notes based on Moris' herbarium); Cronist. Orto bot. Torino lxi-lxiv. 1929.
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Sayre, G., Bryologist 80: 514. 1977.
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HANDWRITING: Candollea 32: 179-180. 1977, Webbia 32(1): 30. 1977.

EPONYMY: *Morisea* A. P. de Candolle (1838); *Morisia* J. Gay (1832); *Morisia* C. G. D. Nees (1834); *Morisina* A. P. de Candolle (1838).

6327. *Stirpium sardoarum elenchus* auctore Josepho Hyacintho Moris ... (1, 2) Carali [Cagliari] (ex typis regiis), (2 app., 3) Taurini [Torino] (Typographis Chirio et Mina), 3 fasc. 1827-1829. Qu. (*Stirp. sard. elench.*).
Fasc. 1: Apr or later 1827 (p. vi: kal. Apr 1827), p. [i]-vi, [1]-55.
Fasc. 2: early 1828 (p. 12: 18 Dec 1827), p. [1]-12, app. [1-4], publ. 1828 (p. 4).
Fasc. 3: Jan-early Mar 1829 (p. [3]: Jan 1829; Acad. 23 Mar 1829), p. [1]-26.
Copies: FI, G(2), NY, USDA; IDC 6083.

6327a. *Illustrationes rariorum stirpium horti botanici r. univ. taur.* auctore professore Josepho Moris [Torino 1833]. Qu. (*Ill. rar. stirp.*).
Publ.: [?1830-] 1883, p. [1]-26, *pl. 1-6* (uncol., by M. de Lisa et al.). *Copies*: FI, MO. – Preprinted or reprinted from Mem. Accad. Sci. Torino 36: 177-200. 1833.
Ref.: Guillemin, A., Arch. de Bot. 260. 16 Sep 1833.

6328. *Plantae chilenses* novae minusve cognitae auctore professore Josepho Moris. Taurini [Torino] (ex Regio Typographia) s.d. (1831?, 1834]. Qu. (*Pl. chil.*).
Part 1: [1831?-]1834, p. [1]-14, *pl. 1-6* (by Angela Rossi-Bottione and Ab. Denina). *Copies*: G(2). – Preprinted or reprinted from Mem. Accad. Sci. Torino 37: 98-110. 1834. – Junk (Cat. 193, 1975, no. 251) offered a copy with *8* plates of which 2 "finely handcoloured."
Part 2: 1835, ib. 38: 43-50, *pl. 1-2*.

6329. *Flora sardoa* seu historia plantarum in Sardinia et adjacentibus insulis vel sponte nascentium vel ad utilitatem latius excultarum auctore Josepho Hyacintho Moris. Taurini [Torino] (ex regio typographeo) 1837. Qu. † (*Fl. sardoa*).
Vol. 1: late Apr 1837 ("vor Kurzem" Flora 7 Aug 1837; see also Flora 21 Mai 1837) printer's date on p. 606: 21 Apr 1837), p. [i]-xii, [1]-606, *pl. 1-72, 33 bis*.
Vol. 2: 1840-1843 (t.p.; details lacking), p. [i, iii], [1]-562, *pl. 73-93, 77bis, 78-1, 78-2*, map.
Vol. 3: 1858-1859 (t.p.; details lacking), p. [i, iii], [1]-564, *pl. 94-111*.
Copies: FI, MO, NY, USDA; IDC 6166. – *Plates*: Uncol. copp. engr., nos. *1-80* by Magdalena Lisa, *81-111* by Heyland. – See also Mattirolo, O., Reliq. Morisianae, Atti Congr. bot. int. Genova 1892: 374-413. 1893 and Martelli, U., Monocotyledones Sardoae, 3 fasc. Firenze 1896-1904 (incomplete attempt to treat the monocots; Moris himself never came around to treating them because of his work as a political administrator in later years).
Facsimile ed.: s.d. "available" fide Otto Koeltz Antiquariat, adv. 1978.
Additional publ.: J. Moris, *Stirpes Sardoae novae* aut minus notae, Mem. r. Accad. Sci. Torino 1839, reprinted, p. [1-4]. Torino [1839]. *Copy*: FI.
Reliquiae Morisianae (by O. Mattirolo,) Jan-Jun 1893, p. [1]-41. *Copy*: FI. – Reprinted from Atti Congr. bot. int. 1892: 374-414. 1893. – "*Reliquiae Morisianae* ossia elenco di piante e località nuove per la flora di Sardegna recentemente scoperte nell'erbaria di G. G. Moris."
Ref.: Anon., Lit. Ber. Flora 8: 92-96, 97-98 (vol. 1).
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6330. *Florula caprariae* sive enumeratio plantarum in insula Capraria vel sponte nascentium vel ad utilitatem latius excultarum auctoribus Josepho Moris et Josepho de Notaris [Torino 1839]. Qu. (*Fl. caprar.*).

Co-author: Giuseppe de Notaris (1805-1877).
Publ.: Jan-Aug 1839 (cover 1839; Acad. rd. 16 Sep), p. [1]-244, *pl. 1-6* (uncol., by Magd. Lisa). *Copies*: FH, FI, US. – *Preprinted* from Mem. Accad. Torino ser. 2. 2: 59-300. 1840 (*copy*: MO).

6331. *Sovra* [*sic*] *una nuova o rara specie di pianta malpighiacea* ... Modena (dai tipi della r.d. Camera) 1848. Qu. (*Pianta malpigh.*).
Publ.: 1848, p. [1]-8, *1 pl.* (Heyland). *Copy*: MO. – Preprinted from Mem. Soc. Ital. Sci., Modena 24(2): 212-217. 1815.

Morison, Robert (1620-1683), British botanist; in France at Angers and Blois 1640-1660; in London 1660; at Oxford (first professor of botany) 1669. "Morisonus est Fructista cum Physiognomis & Corollistis conspirans" (Linnaeus, Phil. bot. 18. 1751). (*Morison*).

HERBARIUM and TYPES: OXF.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 748; Ainsworth p. 96, 310, 345; Backer p. 381; Barnhart 2: 514; BB p. 221; Blunt p. 110, 135, 263; BM 3: 1351, 7: 866; Bossert p. 274; Clokie p. 10-13, 215; Desmond p. 450; DNB 39: 61; Dryander 3: 36, 43, 60, 90, 108, 217; DSB 9: 528-529 (bibl.); Frank 3(Anh.): 67; GB p. 407; Hawksworth p. 124, 198; Hegi 3: 419, 5(2): 1122, 1368; Henrey 1: 96, 119-120, 121, 124, 125, 126, 131, 214, 2: 10; Herder p. 83, 140, 153, 319; HU 359; IH 2: 558; Jackson p. 583 [index]; Kew 4: 56; Krempelh. 2: 20; Langman p. 525; LS 18307-18308; Moebius p. 40, 41, 132, 135; MW p. 332; NI 1411-1413; Plesch p. 342-343; PR 6462-6464 (ed. 1: 7195-7198); Rehder 5: 589; Sotheby 2: 198; Tucker 1: 499, 778.
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EPONYMY: *Morisonia* Linnaeus (1753).

6332. *Hortus regius blesensis* auctus, cum notulis durationis & charactismis [sic] plantarum tam additarum, quam non scriptarum; item plantarum in eodem horto regio Blesensi aucto contentarum, nemini hucusque scriptarum, brevis & succincta delineatio. Quibus accessêre observationes generaliores (plantarum in eodem horto regio Blesensi aucto contentarum) rei herbariae studiosis valdè necessariae, & cognitu perutiles. Praeludiorum botanicorum pars prior. Authore Roberto Morison ... Doctis (in arte) scribo: in doctos docebo. Londoni (typis Tho. Roycroft, impensis Jacobi Allestry ...) 1669. Oct. (*Hort. bles.*).
Publ.: 1669, p. [i-xxxii], 1-449, [500-504, err.]. *Copies*: BR, FI, MO, NY, USDA. – Half-title: "*Praeludia botanica* Roberti Morison Scoti aberdonensis."
Ref.: Bartlett, H. H., 55 Rare books no. 33. 1949.

6333. *Plantarum umbelliferarum distributio nova,* per tabulas cognationis et affinitatis ex libro naturae observata & detecta. Authore Roberto Morison ... Doctis (in Arte) scribo; indoctos docebo. Oxonii [Oxford] (e Theatro Sheldoniano) 1672. Fol. (*Pl. umbell.*).
Publ.: 1672, p. [i-ix, dated 15 Feb 1672], [1]-91, *pl. 1-8* with text, *pl. 1-12,* [1-3, expl. pl.]. *Copies*: MO, US, USDA. – Later extended to become sect. 9 of vol. 3, of Plant hist. univ.

6334. *Plantarum historiae universalis* oxoniensis pars secunda [tertia] seu herbarum distributio nova, per tabulas cognationis & affinitatis ex libro naturae observata & detecta ... Oxonii [Oxford] (e Theathro Sheldoniano) 1680-1699, 2 vols. Fol. (*Pl. hist. univ.*).
Orig.: vol. 1 was never issued; was to have contained trees. The *Plantarum umbelliferarum* of 1672 was intended as a specimen of the whole work (superseded by Section 9 (vol. 3) of the present work). Some copies have the *Pl. umbell.* bound as vol. 1, thus following the 1715 reissue (see below). – A number of copies were published on larger and thicker paper than the regular issue. For bibliographical details and analyses see HU 359; see also Sotheby 557 (collation). *Copies*: FI, HU, MO, NY, USDA.
2: 1680, p. [i-vi], 1-619 [numbered 1-344, 343-617], [i-iii], sect. 1: *pl. 1-8,* 2: *1-25,* 3: *1-25,* 4: *1-31,* 5: *1-36* (uncol. copp.).
3: 1699, p. [i-xxiv] (*portr.* of Morison (vita of M. by J. Bobart on a_2-b_2), 1-657, [1-9, index], plates: section 6: *1-15,* 7: *1-37,* 8: *1-18,* 9: *1-22,* 10: *1-3,* 11: *1-31,* 12: *1-18,* 13: *1-7,* 14: *1-5,* 15: *1-10.* All but 12 plates (in all) are printed back to back.
See BM 3: 1351 for the unpublished, cancelled portion of the continuation of part 2 (128 p.).
Reissue: 1715, with a "tomus primus" containing a reissue with new t.p. of the *Pl. umbell.* – *Copies*: NY, U. – Oxonii (e Theatro Sheldoniano et prostant Londini, apud Paulum & Isaacum Vaillant). Fol.
1: [i-v], front. portr., tabula gen. [vii-ix], [1-3, expl. pl.], *pl. 1-8, pl. 1-12,* text Pl. Umbell. p. [1]-91 [p. 90 as "60"].
2: [i-iv], 1-617, *pl.* sect. 1: *1-8,* 2: *1-23, 23*[*bis*], 3: *1-25,* 4: *1-31,* 5: *1-29, 29*[*bis*], *30-36.*
3: [i*], [i-xx], 1-657, [1-9], *pl.* sect. 6: *1-15,* 7: *1-37,* 8: *1-18,* 9: *1-22,* 10: *1-3,* 11: *1-31,* 12: *1-18,* 13: *1-7,* 14: *1-5,* 15: *1-10.*
Reissue: 1738, 2 vols., vol. 1 containing the original second part, vol. 2 the third part. – (n.v.).

Moritz, Johann Wilhelm Karl (1797-1866), German botanical explorer of the West Indies (1831-1835); lived in Venezuela 1835-1837, 1840-1866. (*Moritz*).

HERBARIUM and TYPES: BM. – For duplicates see IH. Important early sets went to B.-Flora and Bot. Zeit. (1867) report that the private herbarium went to BM.

BIBLIOGRAPHY and BIOGRAPHY: AG 7: 161; Barnhart 2: 514; BM 3: 1351; CSP 4: 474; Hortus 3: 1200; IH 2: 558; Lasègue p. 482, 505; PR (alph.); Rehder 5: 589; Urban-Berl. p. 267, 289, 308, 324, 376.
Anon., Flora 50: 15. 1867; Bot. Zeit. 8: 582. 1850, 18: 228 1860 (herb.).
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EPONYMY: *Moritzia* Hampe (1847).

Moritzi, Alexander (1806-1850), Swiss botanist; worked for some time with A. P. de Candolle in Genève, afterwards high school teacher at Solothurn. (*Moritzi*).

HERBARIUM and TYPES: The plants from Java, received from Zollinger, were acquired by de Franqueville and are now at P; part of them went also to Berlin (B, now destroyed). Moritzi's own herbarium (mainly Swiss) is at CHUR, but in part also at Geneva (G, G-DC, G-Duby).

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 838; Backer p. 381; Barnhart 2: 515; BL 2: 573, 693; BM 3: 1351-1352; CSP 4: 474; DTS 1: 200; GR p. 643; Herder p. 181, 211; Hortus 3: 1200 ("Moritzi"); IF p. 721; IH 2: 558; Jackson p. 342; Kew 4: 56; LS 18316; PR 6466-6470 (ed. 1: 7200-7205): Rehder 5: 589; SK 4: cxvi; TL-1/893 TL-2/see Léveillé, J. H.; Tucker 1: 499; Zander ed. 10, 694, ed. 11, p. 792.
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EPONYMY: *Moritzia* A. P. de Candolle ex C. F. Meisner (1840).

6335. *Die Pflanzen der Schweiz,* ihrem wesentlichen Charakter nach beschrieben und mit Angaben über ihren Standort, Nutzen etc. versehen von Alexander Moritzi. (Die Cotyledonalpflanzen) Chur (bei Simeon Benedict) 1832. Oct. (*Pfl. Schweiz*).
Publ.: 1832 (p. viii: Apr 1832), p. [i*], [i]-viii, [1]-460, [1-2, err.], *1 pl. Copies:* G, NY.

6336. *Die Pflanzen Graubündens.* Ein Verzeichniss der bisher in Graubünden gefundenen Pflanzen, mit besonderer Berücksichtigung ihres Vorkommens. Von Alexander Moritzi. (Die Gefässpflanzen.) [Neuchâtel, 1839]. Qu. (*Pfl. Graubündens*).

Publ.: 1839, p. [1]-158, [1, cont.], *pl. 1-6. Copies*: G, LC, NY(2). – Neue Denkschr. allg. schweiz. Ges. Naturw. 3, 1839.
Ref.: Anon., Flora Lit.-Ber. 11: 162-181. 1840.

6337. *Réflexions sur l'espèce en histoire naturelle* ... Soleure (Imprimerie de Fr. Vogelsang-Graff) 1842. Oct. (*Réflex. espèce*).
Publ.: 1842, p. [1]-109, [1, err.]. *Copies*: G, NY.
Facsimile ed.: Berlin (W. Junk) 1910, with preface by H. Potonié, p. [i*-ii*], [i]-xi [introd.], 3-109, [110, err.]. Oct. *Copies*: BR, B-S, NY.
Reprint and commentary: 1928 (or later), as: A. Moritzi 1806-1850 Réflexions ... naturelle 1842. Mit einer biographischen Einleitung nach Prof. Dr. J. Bloch (Solothurn) und einer Würdigung Moritzis als Vorläufer Charles Darwins von Prof. Dr. Arnold Lang (Zürich) 1855-1914. Verlag von H. R. Sauerlaender & Cie., Auran, Leipzig, s.d. – Veröff. Schweiz. Ges. Gesch. Med. 9. *Copy*: MICH.

6338. *Die Flora der Schweiz*, mit besonderer Berücksichtigung ihrer Vertheilung nach allgemein physischen und geologischen Momenten ... Zürich und Winterthur (Verlag des literarischen Comptoirs) 1844. Oct. (*Fl. Schweiz*).
Orig. ed.: Apr-Jul 1844 (p. iv: 6 Apr 1844; Bot. Zeit. 30 Aug 1844), p. [i]-xii, [1]-640, map. *Copies*: FI, G, NY, USDA.
Re-issue: 1847 (p. iv: 6 Apr 1844), p. [i]-xxii, [1]-640, map. *Copies*: G, MO, NY, USDA. – Leipzig (Verlagsbureau). Oct. "wird mit neugedrucktem Titel von dem Verlagsbureau in Leipzig mit der Jahreszahl 1847 als ein ganz neu erscheinendes Werk fälschlich angeboten" (Bot. Zeit. 5: 390. 28 Mai 1847).
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6339. *Systematisches Verzeichniss* der von H. Zollinger in den Jahren 1842-1844 auf Java gesammelten Pflanzen, nebst einer kurzen Beschreibung der neuen Gattungen und Arten ... Solothurn (Im Verlag des Verfassers. Druck von Fr. X. Zepfel) 1845-1846. Qu. *Syst. Verz.*).
Collector: Heinrich Zollinger (1818-1859).
Co-authors: Joseph Henri Léveillé (1796-1870, fungi, p. 118-126); Ludwig Emanuel Schaerer (1785-1853, lich., p. 126-129); Jean Étienne Duby (1798-1885, musci, p. 130-135).
Publ.: Mai-Jun 1846 (p. xii: Jan 1846; Hinrichs 18-20 Jun 1846; "erschienen", Flora 29: 495. 1846, adv. dated Jul 1846), p. [i]-xii, [1]-144. *Copies*: NY, US, USDA; IDC 6132.
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Steenis-Kruseman, M. J. van, Fl. males. Bull. 15: 740. 1960.

Morong, Thomas (1827-1894), American congregational clergyman and botanist; resigned his pastoral charge in 1888; collected in Paraguay 1888-1890 and in Chile; specialist on *Potamogeton*; curator of the Columbia College herbarium in New York 1890-1894. (*Morong*).

HERBARIUM and TYPES: NY; dupl. see IH. – A large set of duplicates from Morong's herbarium is at PH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 515; BJI 1: 40; BL 1: 253, 309; BM 3: 1352; Bossert p. 274; CSP 12: 520, 17: 359; Hortus 3: 1200 ("Morong"); IH 2: 559; Langman p. 525-526; Lenley p. 299; Morren ed. 10, p. 122; MW p. 332; NAF 28B(2): 347; NW p. 53: Pennell p. 614; PH 164, 567, 602; Rehder 5: 590; Tucker 1: 499; Zander ed. 10, p. 694, ed. 11, p. 792.
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EPONYMY: *Morongia* N. L. Britton (1894).

6340. *An enumeration of the plants collected by Dr. Thomas Morong in Paraguay*, 1888-1890 [Ann. New York Acad. Sci. vol. 7, 1892-1893]. Oct.
Publ.: Dec 1892-Apr 1893 (Nat. Nov. Jun(2) 1893), *in* Ann. N.Y. Acad. Sci. 7: 45-96. Dec 1892, 97-144. Jan 1893, 145-192. Feb 1893, 193-256. Mar 1893, 257-280. Apr 1893. To be cited from journal. Reprint with special cover, as Contr. Herb. Columbia College no. 35 (*copies*: MO, NY, US.).

6341. *The Naiadaceae of North America* . . . [Mem. Torrey bot. Club] 15 Mar 1893. Oct.
Publ.: 15 Mar 1893 (Nat. Nov. Apr(2) 1893), p. [1]-65, *pl. 20-74*, Mem. Torrey bot. Club 3(2): 1-65, *pl. 20-74*. 1893. To be cited from journal.
Ref.: Bennet, J. Bot. 31: 184-186. 31 Jun 1893.

6342. *List of Pteridophyta and Spermatophyta* growing without cultivation *in Northeastern North America*. Prepared by a committee of the Botanical Club, American Association for the advancement of science . . . New York 1893-1894. Oct. (*List Pter. Sperm. N.E. North America*).
Authorship: Thomas Morong and Henry Hurd Rusby (1855-1940) contributed by far the greater part of the text. Other authors were L. H. Bailey, N. L. Britton, J. M. Coulter, F. V. Coville, T. H. Kearney, Lamson Scribner, T. H. Porter, J. K. Small and W. E. Wheelock.
Publ.: Signatures dated 4 Dec 1893-31 Dec 1894 (p. 8: "it has been issued in signatures to members of the Committee and such other botanists as have expressed a desire for it, each signature being dated with the day of delivery to the editor [of the Memoirs of the Torrey bot. Club] and distributed immediately thereafter." Thus the signatures carry the dates of effective publication!), p. [1]-377. *Copies*: MO, USDA. – Memoirs Torrey botanical Club vol. 5.

Morot, Louis René Marie François (1854-1915), French botanist and editor; préparateur at the École des Hautes Études, Paris 1883; Dr. sci. Paris 1885; assistant at the Muséum d'Histoire naturelle 1889. (*Morot*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 515; BM 3: 1352; CSP 12: 520, 17: 360; Kelly p. 154; LS 18319-18323; Morren ed. 10, p. 54; Rehder 5: 590.
Anon., Bull. Mus. Hist. nat. 21: 77-84. 1915 (d. 11 Mar 1915; orations); Hedwigia 63, Beibl. 1: 97. 1921 (d.); Österr. bot. Z. 40: 254. 1890 (app. "aide naturaliste" at Muséum).

COMPOSITE WORKS: Edited *Journal de botanique*, Paris 1887-1913 (vols. 1-20, 1887-1906, ser. 3. 1-3, 1907-1913).

Morren, Charles François Antoine (1807-1858), Belgian botanist and horticulturist; born at Gent; studied natural sciences at Gent University; Dr. phil. ib. 1829; teacher physics at a secondary school until 1835, from then on professor of botany at Liège; director of the Jardin botanique de l'Université de Liège 1855-1856. (*C. Morr.*).

HERBARIUM and TYPES: LG.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 515; BM 3: 1353; Bossert p. 274; CSP 4: 478-484; De Toni 1: lxxxvii, 2: lxxxii; Frank 3(Anh.): 68; Herder p. 467; Hortus 3: 1200 ("Morr., C."); IH 2: 559; Jackson p. 13, 95, 96, 98, 272, 461, 475; Kew 4: 57-58; Langman p. 526; LS 18324-19324a; Moebius p. 207; MW suppl. p. 239; NI (alph.); Nordstedt p. 24; PR 6471-6486 (ed. 1: 7209-7229); Rehder 5: 590-591; Quenstedt p. 302; SO add. 850c; Tucker 1: 499-500; Zander ed. 10, p. 694, ed. 11, p. 792.

Anon., Bonplandia 3: 33. 1855 (Leopoldina cogn. l'Héritier), 5: 226. 1857 (erroneous death notice), 6: 113. 1858 (d.), 7: 7, 10. 1859 (d.); Bot. Zeit. 17: 8. 1859; Bull. Soc. bot. France 4: 432. 1857 (premature death notice), 543 (rectification), 5: 671-672. 1859; Flora 42: 16. 1859; Österr. bot. Z. 7: 267. 1857 (premature death notice), 9: 63. 1859 (d. 17 Dec 1858), 10: 335. 1860.

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Lacordaire, J. T., Annu. Acad. r. Sci. Belg. 25: 207-212. 1859 (see also p. 213-214 by Spring).

Morren, C. F. A., Specimen academicum, exhibens tentamen biozoogeniae generalis ... Bruxelles 1829 (thesis Gent, 14 Dec 1829).

Morren, É., Notice sur Charles Morren, Bruxelles et Gand, ed. 1, 1859, 89 p., ed. 2, 1860, 89 p. (portr., bibl.) (See also Bull. Soc. bot. France 7: 60-63. 1860). Original publ. Belg. hortic. 9: i-lxvii. 1859; Annu. Acad. Sci. Belgique 26: 167-251. 1860 (portr., bibl.); *in* C. Morren, Clusia, p. 8-10. 1874 ("supplément à la bibliographie ...").

Oye, P. van, De plantkunde aan de Universiteit te Gent 8-9. 1960 (Dr. phil. Gent 1829; from 1829-1835 high school teacher; to Liège 1835, b. 3 Mar 1807, d. 17 Dec 1858).

Wittrock, V. B., Acta Horti Berg. 3(2): 88. 1903, 3(3): 74. 1905.

COMPOSITE WORKS: (1) *La Belgique horticole,* founder and editor, vols. 1-7, 1851-1857.
(2) Morren collected many of his opuscula in a series of composite volumes (see PR 6483-6486):
(a) *Prémices* d'anatomie et de physiologie végétales, Bruxelles 1841; collection of 21 separately paged reprints. – Also as *Études d'anatomie* et de physiologie végétales, Bruxelles 1841.
(b) *Dodonaea,* ou Recueil d'observations de botanique, Bruxelles, 2 vols. 1841-1844, Oct.; 1: 1841, p. [i]-vii, [viii], [1]-150, *pl. 1-6,* 2: 1843, p. [i-iii], [1]-122, *4 pl.*
(c) *Fuchsia,* ou Recueil d'observations de botanique ... Bruxelles 1850, p. [i]-xviii, [i]-xxviii, [1]-170, [1], *12 pl.*
(d) *Lobelia,* ou Recueil d'observations de botanique ... Bruxelles 1851, portr. Lobel, p. [i]-viii, [i]-xxv, [1]-206, *14 pl.*; 18 papers reprinted from Bull. Acad. r. Belgique.
(e) *Clusia,* ou Recueil d'observations de botanique ... Bruxelles, 221 p., published 1874 by E. Morren; portr., introduction by E. Morren, p. [1]-10, [11], followed by independently paged papers.

HANDWRITING: Candollea 32: 183-184. 1977.

THESIS: *Specimen academicum* exhibens *tentamen Biozoogeniae generalis* ... Bruxellis (ex Typographia H. Remy) 1829 (defended 14 Dec 1829), p. [1]-30. *Copy*: FI.

EPONYMY: *Morrenia* J. Lindley (1838).

6343. *Discours sur les fleurs nationales de Belgique* et sur l'utilité de créer des jardins historiques destinés à l'enseignement de l'histoire de la patrie; ... Bruxelles (Chez C. Muquardt, ...) 1846. Oct. (*Disc. fl. natl. Belg.*).
Publ.: Dec 1846 (oration held 17 Dec 1846; preprint (dated 1846), p. [1]-32. *Copy*: FI. – Preprinted from Bull. Acad. r. Belg. 13(12): 442-470. 1846(1847).

Morren, Charles Jacques Édouard (1833-1886), Belgian botanist; professor of botany and director of the botanical garden at Liège 1857-1886; Dr. sci. Liège 1855; Dr. spéc. sci. bot. Gent 1858; son of C. F. A. Morren; specialist on Bromeliaceae. (*E. Morr.*).

HERBARIUM and TYPES: LG. – Bromeliaceae at K (including drawings). The Morren herbarium at Liège contains, in addition to Morren's general herbarium and that of his father, numerous sets of exsiccatae and other collections from all over the world.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 155; Backer p. 381; Barnhart 2: 515; BL 2: 33, 693; BM 3: 1353-1354; Bossert p. 274; CSP 8: 441, 10: 852-855, 12: 520, 17: 362; Frank 3(Anh.): 68; Herder p. 467 [index]; Hortus 3: 1200 ("Morr., E."); IH 1(ed. 6): 362; 2: 559; Jackson p. 583 [index]; Kew 4: 58-59; Langman p. 526; LS 18325-18327; Morren ed. 2, p. 16, ed. 10, p. 44, 45; MW p. 332-334, suppl. p. 239; NI (alph.); PR 6487-6488; Rehder 5: 591-592; TL-2/1: 272, 3395; Tucker 1: 500; Zander ed. 10, p. 694, ed. 11, p. 792.

Anon., Bonplandia 5: 267. 1857 (elected member Leopoldina, cogn. Trew II); Bot. Centralbl. 25: 355. 1886 (d.); Bot. Gaz. 11: 103. 1886; Bot. Jahrb. 7(Beibl. 14): 1. 1886; Bot. Not. 1887: 47 (d.); Bot. Zeit. 44: 191. 1886, 46: 812. 1888 (catal. sale library); Bull. Torrey bot. Club 13: 68. 1886; Flora 69: 128. 1886; Hedwigia 27: 120. 1888 (library bought by Brockhaus); Leopoldina 22: 59, 111-112. 1886 (obit.); Nat. Nov. 8(5): 69. 1886; Natural. canad. 15: 226. 1886 (obit.; "est mort en bon chrétien, . . . "); Nature 33: 447. 1886 (obit.); Österr. bot. Z. 36: 178. 1886 (d.); Trans. bot. Soc., Edinburgh 17: 16-17. 1889 (obit.).

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Lawalrée, A., Lejeunia ser. 2. 72: 1-4. 1974 (links with A. de Limminghe and R. P. A. Bellynck).

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Padilla, V., J. Bromeliad. Soc. 22(4): 161-163. 1972 (portr.).

Reichenbach, H. G., Bot. Centralbl. 29: 28-32. 1887 (b. 2 Dec 1833, d. 23 [err.] Feb 1886; ". . . wegen der Gewandtheit seiner Formen und einer ganz ungewöhnlichen Redefertigkeit bei sehr vielen hochbeliebter Mann" . . . "Diese niagarahafte, tosende, brausende, sich überstützende Beredtsamkeit war für die Meisten, wenn nich für Alle, unverständlich.").

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Wittrock, V. B., Acta Horti Berg. 3(3): 74, *pl. 144*. 1905.

COMPOSITE WORKS: (1) *La Belgique horticole*, co-editor 5-7 with C. F. A. Morren; editor vols. 8-34, 1855-1884.
(2) *Annales d'Horticulture belge et étrangère*, editor, vols. 15-24, 1865-1874.
(3) *Annales de Botanique et d'Horticulture*, editor, vols. 25-34, 1875-1884.

6344. *Catalogue des Broméliacées* cultivées au jardin botanique de l'Université de Liège. Janvier 1873. Gand (Imprimerie C. Annoot-Braeckman)) 1873. Oct. (*Cat. Bromél.*).
Publ.: Jan 1873, p. [1]-17. *Copy*: FI.

6345. *Correspondance botanique.* Liste des jardins, des chaires et des musées botaniques du monde. Deuxième édition. Liège (Bovérie no. 1) 1874. Oct. (*Corr. bot.*).

Ed. 1: Mar 1874 (preface 15 Mar 1874) published in Belg. hort. 24: 60-88. 1874. Subtitle: Liste des jardins botaniques du monde, des chaires de botanique et de quelques établissements de botanique. Also as reprint, Liège 1874, p. [1]-32. *Copy*: G.
Ed. 2: Oct 1874, p. [1]-40. *Copies*: G, US.
Ed. 3: Oct 1875, p. [1]-64, [1]. *Copy*: G.
Ed. 4: Jun 1876, p. [1]-80. *Copy*: G.
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Ed. 6: Sep 1878, p. [1]-149. *Copy*: G.
Ed. 7: Nov 1879, p. [1]-154, [1, err.]. *Copies*: G, US.
Ed. 8: Oct 1880, p. [1]-169. *Copies*: G, US.
Ed. 9: Dec. 1881, p. [1]-186, [1-2]. *Copies*: G, US.
Ed. 10: Jul 1884 (p. 3: Jul 1884; Bot. Zeit. 29 Aug 1884), p. [1]-196. *Copies*: G, US.
A precursor of the 20th century address books, directories and indexes to botanical institutions, botanists, herbaria and botanical gardens.

6346. *Index bibliographique de l'hortus belgicus*. Catalogue méthodique des plantes ornementales qui ont été décrites, figurées ou introduites en Belgique de 1830 à 1880 . . . Publié par la Fédération des Sociétés d'horticulture de Belgique 1887. Qu. (*Ind. bibl. hort. belg.*).
Co-author: André De Vos (1834-?).
Publ.: 1887, p. [i]-xxiv, [1]-617. *Copies*: BR, FI, G, MO, NY. – p. x-xxiv originally published in Belgique hort. 26: 235-253. 1876; p. i-xxiv, 1-261, as suppl. to Bull. Féd. Soc. Hort. Belg. 1883/85, issued 1887; p. 265-617 with id. for 1886, issued 1888.

Morris, (Sir) **Daniel** (1844-1933), British botanist, administrator and tropical agriculturist; D. Sc. Dublin; at the Botanic Gardens, Peredeniya, Ceylon 1877-1879; dir. public gardens Jamaica 1879-1886; assistant director Kew 1886-1898; imperial commissioner of agriculture, West Indies 1898-1908. (*D. Morris*).

HERBARIUM and TYPES: K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 516; BM 3: 1354, 7: 867; CSP 10: 855, 12: 520, 17: 363; Desmond p. 451; IH 2: 559; LS 18328-18331, 37146-37147; Morren ed. 10, p. 135; Rehder 5: 592; Tucker 1: 500-501.
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Fletcher, H. H., Story R. Hort. Soc. 234, 238, 243, 407. 1969.
Hill, A. W., J. Bot. 71: 101-102. 1933.
Huxley, L., Life letters J. D. Hooker 2: 406, 408, 409, 410. 1918.
Urban, I. Symb. ant. 1: 111-112. 1898, 3: 7-9, 89-90. 1902, 5: 9. 1908.
Wittrock, V. B., Acta Horti Berg. 3(2): 96. 1903 (b. 26 Mai 1844).

6347. Royal Botanic Gardens, Ceylon. *A catalogue of the most interesting forest trees*, ornamental trees & shrubs, fruit trees, palms, foliage plants, &c., &c., suitable for distribution . . . Colombo (W. Henry Herbert, . . .) 1879. Qu. (*Cat. forest trees*).
Publ.: 1879, p. [1]-89. *Copy*: USDA.

Morris, Edward Lyman (1870-1913), American botanist; M. A. Amherst 1895; instructor in botany at Amherst, Mass. 1893-1895; at Western High School, Washington, D. C. 1895-1896; head of the dept. of biology in the Washington high schools from 1896-1907; curator of natural sciences Brooklyn Institute of Arts 1907-1913; expert on Plantaginaceae. (*E. Morris*).

HERBARIUM and TYPES: BKL; further material F, MIN, US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 516; CSP 17: 364; Hortus 3: 1200 ("Morris,

E."); IH 2: 559; Langman p. 526; Lenley p. 299; NW p. 53; Pennell p. 614; PH 450, 937; SO 2957.
Anon., J. New York Bot. Gard. 14: 178. 1913 (b. 23 Oct 1870, d. 14 Sep 1913 from accidental asphyxiation by illuminating gas); Nat. Nov. 35: 514. 1913 (d. 14 Sep 1913), 36: 31. 1914; Torreya 13: 246. 1913.
Chamberlain, E. B., Bull. Torrey bot. Club 40: 599-603. 1913 (portr., bibl.).
Day, M. A., Rhodora 3: 258. 1901 (herb.).
Howe, M. A., Torreya 13: 246. 1913.
Rickett, H. W., Index Bull. Torrey bot. Club 72. 1955.

COMPOSITE WORKS: (1) Editor, *Bull. Torrey bot. Club* vol. 40, Jan-Dec 1913.
(2) *Plantaginaceae, in* J. K. Small, Fl. Southeast. U. S., 22 Jul 1903.

Morris, George Edward (1853-1916), British-born American mycologist; drawing-master in the public schools of Waltham, Mass. (*G. Morris*).

HERBARIUM and TYPES: CUP, NY.
Lloyd, C. G., Mycol. notes 43: 589-590. 1916 (portr.; d. 5 Jul 1916).
Morse, A. P., List of the water-color drawings of fungi by G. E. Morris 3-6. 1928 (portr., brief biogr., b. 25 Feb 1853, d. 5 Jul 1916).

6348. *List of the water-color drawings of fungi* by George E. Morris in the Peabody Museum of Salem prepared by Albert P. Morse . . . Salem, Mass. (Peabody Museum) 1918. (*List draw. fung.*).
Compiler: Albert Pitts Morse (1863-?).
Publ.: 16 Mar 1918 (rd. by Farlow), p. [1]-70, portr. *Copies*: FH(2).

Morris, John (1810-1886), British geologist and palaeontologist; pharmaceutical chemist in Kensington until 1855; with Roderick Murchison on geological tours in Europe 1853-1855; from 1855-1877 professor of geology at University College, London. (*J. Morris*).

HERBARIUM and TYPES: Some fossils in BM; library left to University College.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 304; Barnhart 2: 516; BB p. 221; BM 3: 1355, 7: 868; CSP 4: 485-486, 8: 442, 10: 856, 12: 520, 17: 364; Dawson p. 622; Desmond p. 451; DNB 39: 98; Jackson p. 175-181, 190, 583; Kew 4: 61; NW p. 53: PH 567; PR ed. 1: 7230; Quenstedt p. 303.
Andrews, H. N., The fossil hunters 105-106, 174. 1980.
Anon., Bot. Not. 1887: 47; Nature 33: 248. 1886 (obit.); S. B. Isis, Dresden 1886: 31 (b. 19 Feb 1810, d. 7 Jan 1886).
Bonney, T. G., Quart. J. Geol. Soc. London 42(Proc.): 44-47. 1886.
Boulger, G. S., Proc. Geol. Ass. 9: 386-410. 1886; J. Bot. 24: 64. 1886.
Holmes, F. V., J. Proc. Essex Field Club 4: clxxxiii-clxxxiv. 1892.
Sherborn, C. D., Where is the – collection 99. 1940.
Woodward, B. B., *in* G. Murray, Hist. coll. BM(NH) 1: 43. 1904 (part of library at BM).
Woodward, H., Geol. Magaz. 1878: 481-487 (portr., bibl.), 1886 (no. 260): 95-96.

HANDWRITING: Geol. Magaz. 1878: under portr. facing p. 481.

EPONYMY: *Morrisia* M. N. Bose (1959). *Note*: *Morrisiella* P. Aellen (1938) commemorates Albert Morris (1886-1939), Australian botanist. *Morrisographium* M. Morelet (1968) is dedicated to the mycologist E. F. Morris.

6349. *A catalogue of British fossils.* Comprising all the genera and species hitherto described; with references to their geological distribution and to the localities in which they have been found . . . London (John Van Voorst, . . .) 1843. Oct. (*Cat. Brit. foss.*).
Ed. 1: 1843 (p. vi: Jul 1843), p. [i]-x, [1, cont.], [1]-222. *Copy*: USGS.
Ed. 2: Jul-Oct 1854 (p. iv: Jul 1854; Geol. Soc. rd. before 31 Oct), p. [i]-vii, [viii], [1]-372. *Copy*: USGS. – "Second edition, considerably enlarged" London (printed for and published by the author) 1854. Oct.

Morris, Patrick Francis (1896-1974), Australian botanist; from 1913-1961 at the National Herbarium of Victoria at Melbourne. (*P. Morris*).

HERBARIUM and TYPES: MEL; some further material at DAO.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 516; BL 1: 73, 309; BM 7: 868; Hirsch p. 205; IH 2: 559; Kew 4: 61; Roon p. 80; Zander ed. 10, p. 694, ed. 11, p. 792.
Willis, J. H., Vict. Natural. 91(7): 205-206. 1974 (portr.).

6350. *Supplement* to Professor Ewart's "*Weeds, poison plants and naturalized aliens of Victoria*" ... Melbourne (Melbourne University Press) 1925. (*Suppl. Weeds Victoria*).
Co-author: James Wale Audas (1872-?).
Publ.: 1925, p. [1]-19. *Copy*: NY. – Suppl. to A. J. Ewart & J. R. Tovey, *The weeds, poison plants and naturalized aliens of Victoria*, Melbourne 1909.

Morris, Richard (*fl.* 1820-1830), British surveyor, landscape gardener and planter. (*R. Morris*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 516; BB p. 221; BM 3: 1355; Desmond p. 451; Jackson p. 407; Kew 4: 61; NI 1414; Plesch p. 343; PR 6489-6490 (ed. 1: 7231-7232); Rehder 5: 593; Sotheby 2: 201; Tucker 1: 501.

6351. *The botanist's manual.* A catalogue of hardy, exotic and indigenous plants, arranged according to their respective months of flowering; and more particularly adapted to the service of those who cultivate their own gardens and pleasure-grounds ... London (printed for the author, and sold by J. Harding, ...) 1824. Duod. (in sixes). (*Bot. man.*).
Publ.: 1824, p. [i-iv], [1]-189, [190, adv.]. *Copy*: NY.

6351a. *Flora conspicua*; a selection of the most ornamental flowering, hardy, exotic and indigenous trees, shrubs, and herbaceous plants, for embellishing flower-gardens and pleasure-grounds ... London (printed for Longman, Rees, Orme, Brown, and Green, ...) 1826. Oct. (*Fl. conspic.*).
Artist: William Clark (*fl.* 1826).
Publ.: Jul 1825-Sep 1826, in 15 monthly parts of four plates from Jul 1825-Sep 1826 (dates on plates), p. [i-iii], *pl. 1-60* with text (col.). *Copy*: NY. (imprints of parts: Smith Elder & Co. (pt. 1-4), G. B. Whittaker (pt. 5-8), Longman ... (pt. 9-15) (See Sotheby no. 558).

Morrison, Alexander (1849-1913), Scottish physician and botanist; to Australia 1877; practiced in Melbourne, travelled in the New Hebrides 1892; West Australian Government botanist in the Bureau of Agriculture 1897-1906. (*A. Morrison*).

HERBARIUM and TYPES: E; further important sets at B, CANB, K and PERTH. The medical and botanical library went to Tasmanian University.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 516; BB p. 222; BL 1: 76, 309; CSP 17: 365; Desmond p. 452; Hortus 3: 1200 ("Morrison, A."); HR; IH 2: 559-560; LS 18339; Rehder 5: 593; Urban-Berl. p. 376.
Anon., Vict. Natural. 30(9): 145. 1914.
Diels, L., Pfl.-Welt West-Austral. 71. 1906 (Veg. Erde 7).
Ewart, J. A. and O. B. Davies, Fl. N. Territory vii. 1917.
Hall, N., Bot. Eucalypts 96. 1978 (brief biogr.).
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 112. 1970 (large coll. at E but not a complete first set).
Maiden, J. H., J. nat. Hist. Sci. Soc. W. Australia 5: 108-109. 1914 (obit.); J. Proc. R. Soc. New South Wales 55: 164. 1921 (b. 15 Mar 1849, d. 7 Dec 1913).
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 220. 1947.

Morse, Elizabeth Eaton (1864-1955), American Wellesley trained (School of Art 1891)

art teacher (1891-1924), re-entered Wellesley 1924, B.A. 1926; subsequently with Lee Bonar at the University of California, Berkeley specializing in fleshy fungi of the Pacific Coast; sometimes temporarily working at the Farlow Herbarium; but in general living at Berkeley 1926-1955. (*Morse*).

HERBARIUM and TYPES: BPI and UC; other material at FH, MICH, NY and WELC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 517; Bossert p. 274; IH 1(ed. 6): 362, 2: 560; LS suppl. 18971; Stevenson p. 1251.
Bonar, L., Mycologia 48: 439-442. 1956 (portr., obit., bibl., b. 31 Dec 1864, d. 13 Nov 1955).
Hesler, L. R., Biogr. sketches N. Amer. mycol., mss. 1975.
Stevenson, J., Taxon 4: 184. 1955.
Walsh, E. B., Wellesley Mag. 1936: 196-197 (biogr. details).

Mortensen, Hans (1825-1908), Danish botanist; teacher at Naesgaard Agricultural College, 1849-1853; at Jonstrup training school from 1856-1896. (*H. Mortensen*).

HERBARIUM and TYPES: C; further material at CGE, DAO, DBN, T, GB, L, MW.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 628; Barnhart 2: 518; BJI 1: 40; Bl 2: 57, 693; Bossert p. 274; BM 3: 1356; CSP 8: 443, 10: 858, 17: 367; IH 2: 560; Jackson p. 334; KR p. 506; LS 18342; Morren ed. 10, p. 49; Rehder 5: 593; Tucker 1: 501.
Anon., Bot. Not. 1909: 146 (d.).
Christensen, C., Danske bot. hist. 1: 447-449, 589-590, 2: 319-321. 1926 (bibl., b. 28 Apr 1825, d. 12 Nov 1908), see also Danske bot. litt. 1880-1911: 14. 1913 (bibl.).
Lind, J., Danish fungi herbarium E. Rostrup 34. 1913.
Warming, E., Bot. Tidsskr. 12: 197-199. 1881 (bibl.), 29: 200, 337-340. 1909 (portr., obit.).
Wittrock, V. B., Acta Horti Berg. 3(2): 103. 1903, 3(3): 89, *pl. 117*. 1905 (portr., b. 28 Apr 1828).

Mortensen, Morten Larsen (1881-1911), Danish botanist and phytopathologist. (*M. Mortensen*).

HERBARIUM and TYPES: C.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 518; BL 2: 48, 51, 693; IH 2: 561; LS 37166-37175, suppl. 19005-19013.
Anon., Bot. Not. 1911: 262 (d.).
Christensen, D., Danske bot. Litt. 1880-1911: 227-230. 1913. 1932-1939; 105. 1940 (bibl.).
Lind, J., Danish fungi herbarium E. Rostrup 34. 1913 (portr.).
Ravn, F. K., Bot. Tidsskr. 33: 89-91. 1912 (portr., obit., b. 25 Feb 1881, d. 3 Dec 1911, of diabetes).

EPONYMY: *Mortensenia* A. A. Weber-van Bosse (1926) commemorates Ole Theodor Jensen Mortensen (1868-1952), Danish zoologist.

Morthier, Paul (1823-1886), Swiss botanist at Neuchâtel (Corcelles), director of the Société helvétique pour l'échange des plantes. (*Morthier*).
HERBARIUM and TYPES: NEU; dupl. see IH.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(3): 20; Barnhart 2: 518; BM 3: 1356; Bossert p. 274; Clokie p. 215; CSP 8: 443, 10: 858, 17: 367; Frank 3(Anh.): 68; Hegi 6(2): 1300; Herder p. 432; IH 1(ed. 6): 362, 2:561; Jackson p. 342; Kew 4: 63; LS 18343; Morren ed. 2, p. 32, ed. 10, p. 109; Rehder 5: 593; Urban-Berl. p. 279.
Anon., Bot. Centralbl. 29: 128. 1887 (d.); Bot. Jahrb. 8(Beibl. 18): 1. 1887; Bot. Not. 1888: 46; Bot. Zeit. 45: 79. 1887; Hedwigia 26: 40. 1887; Nat. Nov. 8: 269. 1886 (d.); Österr. bot. Z. 37: 73. 1887 (d. "anfangs December" 1886).
Candolle, Alph. de, Phytographie 435. 1880 (Champ. Neuch., 6 fasc. at LG).
Coulter, T., Bot. Gaz. 12: 22. 1887.

Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 112. 1970 (coll. E).
Roumeguère, C., Rev. mycol. 9: 60. 1887.

EPONYMY: *Morthiera* Fuckel (1870).

6352. *Flore analytique de la Suisse.* Vademecum du botaniste . . . Neuchâtel (Suisse) (Librairie générale de Jules Sandoz) [1870]. Oct. (*Fl. anal. Suisse*).
Ed. 1: 1870 (p. viii: 15 Feb 1870; Bot. Zeit. 24 Mar 1871; Flora 10 Dec 1870), p. [i]-viii, [1]-427. *Copy*: NY.
Ed. 2: Sep-Dec 1872 (p. vii: 22 Aug 1872), p. [i]-vii, [1]-451. *Copies*: BR, FH, G. – Paris (Sandoz & Fischbacher, . . .), Neuchâtel (Librairie générale de Jules Sandoz) [1872]. Oct.
Ed. 3: 1876 (p. vii: 20 Feb 1876), p. [i]-vii [1]-453. *Copies*: G, NY, US. – Paris (id.), Neuchâtel (id.) [1876]. Oct.
Ed. 4: 1878 (p. vii: Mai 1878; Nat. Nov. Jan(1) 1879), p. [iii]-vii, [1]-453. *Copy*: G. – Paris (id.), Neuchâtel (id.) [1878].
Ed. 5: 1880 (?), p. [i]-vii, [1]-453. *Copy*: NY. – Paris (id.), Neuchâtel & Genève (id.). s.d. Oct.
Ed. 6: Jan-Mai 1886 (Bot. Centralbl. 7-11 Jun 1886; Bot. Zeit. 25 Jun 1866; Nat. Nov. Jun(1) 1886), p. [i]-vii, [1]-453. *Copy*: G. – Paris (Librairie générale), Genève (Librairie Desrogis) s.d. Oct.
Ed. 7: 1893 (n.v.).

Mortier, Edouard Louis (1801-1852), fictitious French naturalist said to have been a botanical explorer of South America.

NOTE: Fictitious botanist figuring in a commercial American encyclopaedia (Appleton's Cyclopedia of American Biography 4: 429. 1888), see Barnhart, J. H., J. New York Bot. Gard. 20: 176. 1919. Among the titles ascribed to him were *Historia plantarum circa Cayenne sponte crescentium* (1843), and *Prodromus florae brasilicae* (2 vols. 1849).

EPONYMY: *Aquamortierella* R. W. Embree & H. Indoh (1967) and *Mortierella* E. Coemans (1863) commemorate Barthélemy Charles Joseph Dumortier (1797-1878), q.v. These eponyms were not mentioned in TL-2(1).

Morton, Conrad Vernon (1905-1972), American botanist; AB, Univ. Calif., 1928; at the Smithsonian Institution (1928-1972), specialist on pteridophytes, Gesneriaceae and Solanaceae. (*C. Morton*).

HERBARIUM and TYPES: US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 518; Bossert p. 274; Hortus 3: 1200 ("Mort., C.V."); IF suppl. 3: 215, 4: 332-333; IH 2: 561; Kew 4: 63-65; Langman p. 526-527; Lenley p. 300; MW suppl. p. 239; PH 209; Roon p. 80; TL-2/3344; Zander ed. 10, p. 694, ed. 11, p. 792.
Anon., Biota 9(73): 257. 1972 (fide Kew Record); Evening Star, Washington D. C., 1 Aug 1972 (portr.); Madroño 22(1): 31. 1973; Solanaceae Newsletter 1: 3-5. 1974.
Boggs, J., ed., Gesneriad J. 6(4): [1-2]. 1959.
Boivin, B., Provancheria 10: 3, 134-135. 1980 (coll.).
Burkart, A., Darwiniana 18(1-2): 281. 1973.
Ewan, J., Taxon 22: 271-274. 1973.
Hawkes, J. C., Taxon 26: 464-465. 1977 (review of M's posthumously publ. Rev. Argent. sp. Solanum).
Hunziker, A. T. & L. B. Smith, *in* C. V. Morton, A revision of the Argentine species of Solanum, Cordoba 1976, p. 7-8.
Lellinger, D. B., Taxon 21(5-6): 733. 1972; Amer. Fern J. 63(3): 49-60. 1973 (portr., bibl.), (b. 24 Oct 1905, d. 29 Jul 1972); Fl. males. Bull. 27: 2145. 1974.
Moldenke, H. N., Plant Life 2: 73. 1946 (1948) (epon.).
Rickett, H. W., Index Bull. Torrey bot. Club 72. 1955.
Rosenblum, Gloxinian 23(1): 3. 1973.

Skog, L. E., Gloxinian 24: 33-35. 1974 (bibl. of M's publ. on Gesneriaceae).
Smith, L. B., Solanaceae Newsletter 1: 3-5. 1974.
Stafleu, F. A., Taxon 21: 733. 1972.

MEMORIAL PUBLICATION: Amer. Fern. J. 63(3), 1973.

EPONYMY: *Mortoniella* Woodson (1939); *Mortoniodendron* Standley & Steyermark (1938); *Mortoniopteris* Pichi-Sermolli (1977); *Neomortonia* Wheeler (1975).

Morton, Friedrich [von] (1890-1969), Austrian botanist; Dr. phil. Wien 1916; high school teacher at Wien; from 1925 curator at the Botanical Station of Hallstatt. (*F. Morton*).

HERBARIUM and TYPES: LI (Austrian; rd. 1972), B (Guatemala, col. 1928-1929).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 518; BJI 2: 119-120; BM 7: 870; Bossert p. 274; GR p. 455; IF suppl. 2: 38; IH 2: 561; Kew 4: 65; Langman p. 527; LS suppl. 19014.
Anon., Österr. bot. Z. 61: 207. 1911 (assistant at botany dept. Klagenfurt).
Janchen, E., Österr. bot. Z. 82: 189. 1933; Cat. Fl. Austr. 1: 14, 15, 22-23, 29, 39, 887, 888, 889, 967. 1956-1960.

Moruzi, Constance (1899-x), Roumanian mycologist and lichenologist; Dr. Sci. Paris 1932; active at the University, the Agronomical Institute and the Pedagogical Institute in Bucarest. (*Moruzi*).

HERBARIUM and TYPES: BUC, BUCM; further material at W.

BIBLIOGRAPHY and BIOGRAPHY: BJI 2: 120; IH 2: 561; LS suppl. 19015.
Toma, N. & Mohan, G., Rev. bryol. lichénol. 36: 715-719. 1970 (portr., bibl.; 70th birthday).
Ulbrich, E., Bot. Jahrb. 66(Lit.): 61-62. 1934 (review of her thesis).

Moscoso Puello, Rafael M. (1874-1951), Dominican physician and amateur botanist; teacher at various high schools and teachers' colleges, serving also in administrative functions; first director of the Instituto de Botanica of the Universidad de Santo Domingo 1941; Dr. h.c. 1944. (*Moscoso*).

HERBARIUM and TYPES: His small personal herbarium was destroyed by fire (inf. R. M. Lowden).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 519.
Jiménez, J. de J., Moscosoa 1(1): 1-15. 1976 (biogr., bibl., list of taxa described, portr., b. 17 Feb 1874, d. 12 Oct 1951).
Lowden, R. M., Taxon 25: 256. 1976.
Moscoso, R. M., Catalogus florae domingensis, part i, Spermatophyta, 30 Jan 1943; Suplemento (J. de J. Jimenez) 1961.

EPONYMY: (journal): *Moscosoa*. Contribuciones cientificas del Jardin Botanico Nacional "Dr. Rafael M. Moscoso." Santo Domingo. Vol. 1-x. 1976-x; (institute): The Moscoso herbarium, Universidad Católica Madre y Maestra (UCMM).

Moseley, Edwin Lincoln (1865-1948), American botanist and teacher at Sandusky high school, Ohio. (*E. Moseley*).

HERBARIUM and TYPES: BGSU; further material at CM, F, GH, MICH, MO,NMC, NY, US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 519; BL 1: 207, 208, 310; BM 3: 1359; CSP 17: 371; Hirsch p. 205; IH 1(ed. 6): 362; Pennell p. 614; PH 450; Rehder 5: 593; Tucker 1: 501.
Otis, C. H., Ohio J. Sci. 49: 168. 1949.
Palmer, T. S., Auk 67: 549-550. 1950 (obit., b. 29 Mar 1865, d. 6 Jun 1948).

6353. Ohio State Academy of Science. Special papers no. 1 *Sandusky flora.* A catalogue of the flowering plants and ferns growing without cultivation, in Erie County, Ohio, and the Peninsula and Islands of Ottawa County . . . Wooster, Ohio (Press of Clapper Printing Co.) 1899. Oct. (*Sandusky fl.*).
Publ.: May 1899 (cover; Nat. Nov. Nov(2) 1899; BG 24 Aug 1899), p. [i-ii], [1]-167, map. *Copies*: MO, NY.
Ref.: J. C. A., Bot. Gaz. 28: 139-140. 1899.

Moseley, Henry Nottidge (1844-1890), British naturalist on the Challenger expedition 1873-1876; travelled in the American Northwest in 1877; ultimately Linacre professor of human and comparative anatomy at Oxford (1881-1887). (*H. Moseley*).

HERBARIUM and TYPES: K (main set), BM, DBN and E. – The manuscript notes made on the Challenger expedition are at BM. For further details see SK and Sayre.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 381; Barnhart 2: 519; BB p. 222; BL 1: 100, 310; BM 3: 1359, 7: 872; Clokie p. 215; CSP 8: 445-446, 10: 859-861, 17: 371; Desmond p. 452-453; De Toni 1: lxxxvii; DNB 39: 176-177; Herder p. 230, 231; IH 2: 562; Kew 4: 68; LS 18348; Nordstedt p. 24; PH 567; Quenstedt p. 304; Rehder 5: 593; SK 1: 371-372; Tucker 1: 501; Urban-Berl. p. 376.
Anon., Hist. Coll. BM(NH) 43. 1904; Leopoldina 28: 49. 1892 (obit.); Nat. Nov. 13: 473. 1891 (d. 10 Nov 1890); Proc. Linn. Soc. 1890/92: 72-73. 1893; Proc. R. Geogr. Soc. ser. 2. 13: 730. 1891 (obit., b. 14 Nov 1844; d. 10 Nov 1890).
Bourne G. C., *in* Moseley, H. N., Notes of a Naturalist on the Challenger, ed. 2. 1892, p. v-xvi. (portr.).
Britton, N. L., Fl. Bermuda 548. 1918.
Candolle, Alph. de, Phytographie 435. 1880 (coll. at K and BM).
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 112. 1970.
Jackson, B. D., Bull. misc. Inf. Kew 1901: 47 (Challenger colls. at K).
Lankaster, E. Ray, Nature 45: 79-80. 1891 (obit.).
Prescott, G. W., Contr. bibl. antarct. subantarct. algae 234. 1979.
Sayre, G., Mem. New York Bot. Gard. 19(3): 372. 1973.
Sirks, M. J., Ind. natuurond. 167. 1915.
Smith, A. C., Flora vit. nova 1: 49. 1979 (collections from Fiji at K; a few dupl. at BM).
Urban, I., Symb. ant. 1: 112. 1898, 3: 90-91. 1902.
Woodward, B. B., *in* G. Murray, Hist. coll. BM (NH) 1: 43. 1904 (journal Challenger at BM).

COMPOSITE WORKS: *Quarterly Journal of microscopical Science,* editor new series, vols. 24-29, 1884-1889.

EPONYMY: *Moseleya* Hemsley (1899).

6354. *Notes by a naturalist on the "Challenger"*, being an account of various observations made during the Voyage of H. M. S. "Challenger" round the world, in the years 1872-1876, . . . London (Macmillan and Co.) 1879. Oct. (*Notes natural. Challenger*).
Ed. 1: 1879 (p. ix: Dec 1878), frontisp., p. [i]-xvi, [1]-620, *2 pl., 1 map. Copies*: G, MICH, UC.
Ed. 2: 1892, portr., p. [i]-xxiv, map [1]-540. *Copies*: MICH, MO, NY, UC. – New York (G. P. Putnam's Sons), London (John Murray) 1892. Oct. – Memoir of Henry Nottidge Moseley by G. C. B[ourne] on p. v-xvi.

Mosén, Carl Wilhelm Hjalmar (1841-1887), Swedish botanist; Dr. phil. Uppsala 1875; collector on Regnell's expedition (1873-1876), curator of the Brazilian collections of the Stockholm Riksmuseum 1872-1873, 1876-1883. (*Mosén*).

HERBARIUM and TYPES: S; duplicates see IH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 519; BM 3: 1359; CSP 8: 446, 17: 371; Herder p. 265; IH 2: 562; Kew 4: 68; KR p. 506; Rehder 5: 593; Urban-Berl. p. 308, 376.
Anon., Bot. Centralbl. 32: 255. 1887 (d.); Bot. Jahrb. 9 (Beibl. 21): 1. 1887; Bot. Not. 1872;

188, 1873: 28 (trip to Brazil), 1873: 156-157, 1874: 99-111 (letters from Brazil), 1887: 239; Österr. bot. Z. 37: 445. 1887 (d. 27 Sep 1887).
Lindman, C. A. M., K. Sv. Vet.-Akad. Handl. ser. 3. 24(8): 27. 1911.
Malme, G. O. A., Bih. k. Sv. Vet.-Akad. Handl. 24(3) (6): 8. 1898.
Sayre, G., Bryologist 80: 514. 1977 (bryo. S, GB, H, WRSL).
Urban, I., Fl. bras. 1(1): 66-67. 1906 (itin.; orig., biogr. inf.).
Wittrock V. B., Acta Horti Berg. 3(2): 62. 1903, 3(3): 45, *pl. 111*. 1905 (portr.; b. 14 Mai 1841, d. 27 Sep 1887).

EPONYMY: *Mosenia* Lindman (1891); *Moseniella* Brotherus (1918); *Mosenodendron* R. E. Fries (1900). *Note*: *Mosenthinia* O. Kuntze (1891) is dedicated to "meine lieben Schwester Marie und ihrem Gemahl Franz Mosenthin" (O. Kuntze, Rev. Gen. 1: 16. 1891).

6355. *Moss-studier på Kolmoren.* Akademisk afhandling, som med vidtberömda filosofiska fakultetens i Upsala tillstånd för filosofiska gradens erhållande till offentlig granskning framställes af Hjalmar Mosén, ... å botaniska lärosalen onsdagen den 30 April p.v.t.e.m. Stockholm (P. A. Norstedt & Söner ...) 1873. Oct. (*Moss-stud. Kolmoren*).
Publ.: 30 Apr 1873, p. [i], [1]-36. *Copy*: MO. – Preprinted from Öfv. k. Vet.-Akad. Förh., Stockholm, 1873(3): 5-40.

Moser, Heinrich Christoph (*fl.* 1794), German botanist (*Moser*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1359; Herder p. 381, 392; Jackson p. 297, 298; PR ed. 1: 7241-7243; Rehder 5: 593; Tucker 1: 501.

6356. *Die wesentlichen Kennzeichen der deutschen und nordamerikanischen Holzarten und Forstkräuter.* Zum Gebrauch der Oeconomen und Förster ... Leipzig (in der Gräffschen Buchhandlung) 1794. Oct. (*Kennz. Holzart. Forstkr.*).
Ed. 1: 1794, p. [i]-xvi, [1]-158, *1* col. & *2* uncol. *pl.* (copp.). *Copy*: MO.
Ed. 2: 1795, p. [i]-xvi, [1]-158. *2* col. *pl.* (copp.). *Copy*: MO. – "Zweite verbesserte Ausgabe" Leipzig (bei Heinrich Gräff). Oct.

Moss, Charles Edward (1870-1930), British botanist; studied at Leeds 1895-1900 (B. Sc. 1898); high school teacher at Bruton and Manchester; from 1907-1914 curator of the Cambridge Herbarium (CGE); served in the O.T.C. 1914-1917; from 1917 professor of botany at Witwatersrand University. (*Moss*).

HERBARIUM and TYPES: J (S. Afr. coll.); PRE (Zambesi mat.); CGE (British).

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 657; Barnhart 2: 519; BJI 2: 120; BL 2: 222, 276, 693; BM 3: 1360, 7: 873; Desmond p. 453; Hirsch p. 205; Hortus 3: 1200 ("Moss"); IH 1 (ed. 6): 362, 2: 563; Kew 4: 69; NI 1415; Tucker 1: 501, 778; Urban-Berl. p. 377.
A. G. T., Nature 127: 98-99. 1931; J. Ecology 19: 209-214. 1931 (portr.).
Anon., Österr. bot. Z. 58: 223. 1908 (curator CGE), 62(Lit.): 98. 1912 (announcement Cambr. Brit. fl.); Proc. Linn. Soc. 143: 193-196. 1931; The Times 4 Dec 1930.
Bullock, A. A., Bibl. S. Afr. Bot. 78. 1978.
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Rendle, A. G., J. Bot. 68: 386. 1930.

COMPOSITE WORKS: editor *Halifax Naturalist* 4-5, 1899-1901.

EPONYMY: The Moss herbarium, University of the Witwatersrand, Johannesburg, S. Africa (J). – The derivation of *Mossia* N. E. Brown (1930) could not be established.

6357. *Vegetation of the Peak district* ... Cambridge (at the University Press) 1913. Oct. (*Veg. Peak distr.*).
Publ.: Jan-Mar 1913 (p. vi: Dec 1912; ÖbZ Apr 1913 (also Dec 1913); Nat. Nov. Jul(2) 1913), p. [i]-x, [1]-235, *36 pl. Copies*: FI, MO.
Ref.: Ramsbottom, J., J. Bot. 51: 226-228. 1913.
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Smith, W. G., Bot. Centralbl. 123: 632-634. 9 Dec 1913.

6358. *The Cambridge British flora* by C. E. Moss ... assisted by specialists in certain genera illustrated from drawings by E. W. Hunnybun ... Cambridge (at the University Press), 1914-1920, 2 vols. Qu. (*Cambr. Brit. fl.*).
Editor vol. 3: Alfred James Wilmott (1888-1950).
Artist: Edward Walter Hunnybun (1848-1918).
Vol. 1: never published.
Vol. 2, text: Mar 1914 (p. xx: 24 Dec 1913; Nat. Nov. Apr(1) 1914, Mai(2) 1914; ÖbZ Mar 1914), portr. Ray, p. [i]-xx, [1]-206, maps 1-48, – *plates*: Mar 1914, p. [i]-vii, *pl. 1-206*.
Vol. 3: Jun 1920 (p. xvi: 27 Jan 1917; p. [vii]: 16 Jun 1919; J. Bot. Jul 1920; Nat. Nov. Aug 1920), *text*: p. [iii]-xvi, [1]-200, maps 1-73, *plates*: 1920, p. [i]-vi, *pl. 1-191*.
Copies: MO, NY, USDA. *Plates*: uncol. offset. – An announcement in J. Bot. (49: 119-120. 1911) stated that ten volumes were to be published and that Hunnybun had completed 1750 "beautiful pen-and-ink drawings." The first volume, which never appeared, was to have dealt with the families in the beginning of the Engler system.
Ref.: Britten, J., J. Bot. 52: 87, Mar, 131-136. Mai 1914 ("to the scientific botanist the book hardly appeals ..."); 59: 24-27. 1921.
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Moss, Ezra Henry (1892-1963), Canadian botanist; Dr. phil. Toronto 1925; at the Department of Botany of the University of Alberta, 1929 (from 1938 as full professor)- 1957; student of the vegetation of Alberta. (*E. Moss*).

HERBARIUM and TYPES: ALTA.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 520; BFM 1594; Bossert p. 275; GR p. 740; Hirsch p. 205; IH 2: 563; Kew 4: 69-70; LS suppl. 19018-19021; PH 209; Roon p. 80.
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Bird, C. D., The Blue Jay 21(2): 46-47. 1963 (portr., bibl., d. 7 Feb 1963).
Moss, E. H., Flora of Alberta, Toronto, London 1959, vi, 546 p. (see Taxon 9: 31. 1960).
Steere, W. C., Bot. Rev. 43: 292, 336. 1977.
Steinberg, C. H., Webbia 32(1): 32. 1977 (material at FI).

Mosseray, Raoul (1908-1940), Belgian botanist and high school teacher; studied at the teachers' college of Carlsbourg; Ing. agron. Louvain 1930, Dr. sci. nat. ib. 1931; died on the battlefield in 1940. (*Mosseray*).

HERBARIUM and TYPES: BR.

BIBLIOGRAPHY and BIOGRAPHY: IH 2: 563.
Donis, P., Revue de Carlsbourg 1947 (Jan): 3-7 (portr., b. 1 Jul 1908; account of events leading up to his death).
Hacquaert, A., Natural sciences in Belgium during the war 66. 1946 (portr.).
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6359. *Les Aspergillus* de la section "Niger" Thom & Church ... Lierre, Louvain (C. Oystpruyst, ...) [1934]. Qu.
Publ.: Jul-Dec (submitted 1 Jun 1934), p. [i], [203]-285, [286], *pl. 1-2* (col., Hél. Durand).

Copies: FH, Stevenson. – Reprinted with special title page, cover and original pagination, and to be cited from La Cellule 43(2): 203-286, *pl. 1-2.* 1934.

Motelay, Léonce (1830-1917), French shopkeeper and botanist at Bordeaux; active in the Société Linnéenne de Bordeaux. (*Motelay*).

HERBARIUM and TYPES: BORD. – Correspondence also at BORD; 30 letters to Malinvaud at P. Motelay acquired a large part of J. E. Duby's European mosses which included material from the Hedwig-Schwägrichen herb. (see J. Hedwig). The same holds for the herbarium of C. R. A. Des Moulins, which also reached BORD via Motelay. – Further material at AUT, B, BR, DBN, G, LIVU, MW, OXF, QK.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 520; BL 2: 152, 693; BM 3: 1360; Clokie p. 215; CSP 8: 447, 10: 863, 17: 376; Herder p. 265. 272; IH 2: 563; Kew 4: 71; LS 18360-18362, 37180; Morren ed. 10, p. 60; MW p. 334; PFC 1: xlviii, 3(1): ix; TL-1 and TL-2/: see Duby, J. É., Hedwig, J.; Urban-Berl. p. 272.
Anon., Actes Soc. Linn. Bordeaux 35 (ser. 4, 5): ix. 1881, 42 (ser. 5, 2): xvii. 1888, 55 (ser. 6, 5): lxxxi. 1900: Hedwiga 66: (119). 1926.
Beille, L., Actes Soc. Linn. Bordeaux 70: 493-508. 1918 (portr.).
Cullen, J., Taxon 21: 729. 1972 (material at LIV).
Dörfler, J., Botaniker-Adressbuch 65. 1896.
Jackson, B. D., Bull. misc. Inf. Kew 1901: 47 (dupl. K).
Kennedy, L. L., Taxon 12: 238. 1963.
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6360. *Monographie des Isoeteae* par L. Motelay et Vendryès ... Bordeaux (Imprimerie J. Durand ...) 1884.
Co-author: Albert Vendryès (x-1916).
Publ.: Jan 1884 (date on cover reprint; Flora rev. 21 Jan 1884; BSbF 8 Feb 1884; Bot. Zeit. 28 Mar & 20 Jun 1884; Nat. Nov. Feb(2) 1884, Mar(2) 1884), p. [1]-99, [100, cont.], [1-2, err.], *pl. 1-10* (partly col.). *Copies*: FH, NY; IDC 7237. – Reprinted from Actes Soc. Linn. Bordeaux 36 (sér. 4, vol. 6): [309]-403, [404-406], *pl. 8-17.* Jun 1883 (date on cover of journal). To be cited from journal.
Ref.: Prantl, K. A. E., Bot. Zeit 42: 394. 20 Jun 1884.
E. St., Flora 67: 47-48. 21 Jan 1884 (sic).

Motley, James (x-1859), British civil engineer and botanist; collected in Malaysia 1852-1853; later at Borneo; murdered at Kampong Kalangan (Bandjermasin). (*Motley*).

HERBARIUM and TYPES: British herbarium at SWA (but not traced); Borneo and Singapore collections at K; bryophytes from Indonesia (? Malaysia) are at E and NY (through herb. Mitten).

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 382; Barnhart 2: 520; BB p. 222; BM 3: 1360 [err. "1814-1892"]; CSP 4: 495-496; IH 2: 563; PR (alph.); Rehder 5: 593; SK 1: 373 (itin., coll.); Tucker 1: 501.
Bennett, A., Naturalist 1903: 4 (herb. at SWA).
Burkill, I. H., Gard. Bull. Str. Settl. 4: 128. 1927 (coll.).
Candolle, Alph. de, Phytogeographie 435. 1880 (coll. K).
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 112. 1970 (bryo. via herb. Mitten).
Jackson, B. D., Bull. misc. Inf. Kew 1901: 47 (coll. K).
Kent, D. H., Brit. herb. 70. 1957 (herb. at SWA).
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Sayre, G., Mem. New York Bot. Gard. 19(3): 372. 1975.
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6361. *Contributions to the natural history of Labuan*, and the adjacent coasts of Borneo ... London (John van Voorst, ...) 1855. Oct.† (*Contr. nat. hist. Labuan*).
Co-author; Lewis Llewellyn Dillwyn (fl. 1855).
Publ.: 2 Jul 1855 (part 1: all publ.), p. [i*], [1]-62, [63, prospectus], *12 col. pl. Copies*: Natl. Libr. Scotland; PH.

Mott, Frederick Thompson (1825-1908), British botanist; wine merchant at Leicester. (*Mott*).

HERBARIUM and TYPES: MANCH; further material e.g. at SLBI, K and OXF.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 520; BB p. 222-223; BL 2: 254; BM 3: 1360; Bossert p. 275; Clokie p. 215; CSP 10: 863, 12: 522, 17: 376-377; Desmond p. 453; GR p. 407; IH 2: 563; Jackson p. 40, 407; Kew 4: 71; Langman p. 528; LS 18363; Rehder 5: 493; TL-2/1165.
Dörfler, J., Botaniker-Adressbuch 85. 1896.
Horwood, A. R. & C. W. Noel, Fl. Leicestershire ccxviii. 1933 (b. 24 Mar 1825; d. 14 Mar 1908).
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Kent, D. H., Brit. herb. 70. 1957 (Brit. herb. MANCH; SLBI has Capsella bursa-pastoris vars.).

6362. *Flora odorata*; a characteristic arrangement of the sweet-scented flowers and shrubs, cultivated in the gardens of Great Britain ... London (Orr & Co., ...), Leicester (Brown & Hewitt, ...) 1843. (*Fl. odor.*)
Publ.: 1843 (Bot. Zeit. 29 Dec 1843), p. [i]-viii, [3]-136, [1, err.]. *Copy*: NY.

6363. *The fruits of all countries.* A preliminary catalogue ... Leicester (Tompkin and Shardlow, ...) 1883 (*Fruits*).
Publ.: 1883, p. [i]-iv, [5]-25. *Copy*: FI.

6364. *The flora of Leicestershire*, including the cryptogams, with maps of the county. Issued by the Leicester Literary & Philosophical Society ... London, Edinburgh (Williams and Norgate) 1886. Oct. (*Fl. Leicestershire*).
Manuscript: Rev. William Higgins Coleman (1816?-1863).
Co-authors: E. T. Cooper, Thomas Carter (c. 1840-1910), John Edward Montagne Finch (1843-1919), and C. W. Cooper.
Publ.: late 1886 or Jan 1887 (t.p. 1886; Nat. Nov. Feb(1) 1887; Bot. Centralbl. 21-25 Mar 1887, Mai(1,2) 1887; Bot. Zeit. 25 Mar 1887), p. [i]-xxvi, 2 maps, [1]-372, [1, err.], errata slip. *Copy*: MO.

Motte, Jean (1897-x), French botanist at Montpellier. (*Motte*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 520; Bossert p. 275.
Verdoorn, F., ed., Manual of bryology 484 [index]. 1932.

COMPOSITE WORKS: *Cytologie*, in F. Verdoorn, *Manual of Bryology* p. 129-158. 1932.

6365. Série A. No. 1150. No. d'ordre 2010. Thèses présentées à la Faculté des sciences de Paris pour obtenir le grade de docteur ès sciences naturelles par M. Jean Motte ... 1re thèse. – *Contribution à la connaissance cytologique des Muscinées* ... Soutenues le [20 juin, stamped] 1928 ... Paris (Masson et Cie, ...) 1928. Oct. (*Contr. cytol. Musc.*).
Publ.: 20 Jun 1928, p. [i-iv], [293]-543, *pl. 1-11* (col.). *Copy*: FH. – Preprinted from Ann. Sci. nat., Bot. ser. 10. 10: [293]-543, *pl. 1-11*.

Mottet, Séraphin Joseph (1861-1930), French horticulturist; chef des cultures expérimentales de la Maison Vilmorin-Andrieux et Cie. (*Mottet*).

HERBARIUM and TYPES: Unknown; some material at P. – Some plants from France, collected 1886-89 are at E-GL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 520; Hortus 3: 1200 ("Mottet"); IH 2: 564; MW p. 335-337, suppl. p. 239-240; Rehder 5: 594; Zander ed. 10, p. 694, ed. 11, p. 792.
Anon., Gard. Chron. ser. 3. 87: 277. 1930 ("a charming man with an altogether winsome personality ...", d. 15 Mar 1930; contributed to Gard. Chron. for 30 years; improved Bearded Irises).
Haegeman, J., Tuberous Begonias 206. 1979 (b. 17 Aug 1861, d. 15 Mar 1930).
Lesourd, F., Rev. hort. 103: 73-74. 1930 (obit., portr.).
Mottet, S., Monogr. Primevère [iv]. 1913 (bibl.).

COMPOSITE WORKS: Editor: *Dictionnaire pratique d'horticulture et de jardinage* (1892-1893) (French version of G. Nicholson, *Ill. dict. gard.* 1885-1889).

6366. *Monographie botanico-horticole du genre Eremurus* ... Paris (Imprimerie de la Cour d'Appel ...) 1901.
Publ.: Mai 1901 (presented to congress of Soc. natl. Hort. France), p. [1]-18. *Copy*: MO. – Reprinted from J. Soc. natl. Hort. France ser. 4. 2: 804-819. Jan 1901. To be cited from journal.

6367. *Monographie du genre Primevère* renfermant: l'étude générale du genre, la citation de toutes les espèces connues, la description de celles les plus généralement cultivées, leur utilisation décorative, leur traitement, multiplication, etc.... Paris (Librairie agricole de la Maison rustique ...) [1913]. Oct. (*Monogr. Primevère*).
Publ.: 1913, p. [iii]-xi, [xii], [1]-106, [1, cont.], *pl. 1-12. Copies*: BR, MO.

Motyka, Józef (1900-x), Polish botanist (lichenologist); Dr. phil. 1925; professor of botany at the University of Lublin. (*Motyka*).

HERBARIUM and TYPES: LBL; further material at WA.

BIBLIOGRAPHY and BIOGRAPHY: BJI 2: 120; GR p. 724, *pl.* [25] (orig. inf.; bibl.), cat. p. 68; IH 2: 564; Kew 4: 72; LS suppl. 19029-19031; Roon p. 80; SBC p. 127 ("Mot.").
Hawksworth, D. L. & M. R. D. Seaward, Lichenol. Brit. Isles 1568-1975, p. 124. 1977.
Mitchell, M. E., Bibl. Irish lichenol. 46. 1971.

6368. *Materjały do flory porostów śląska.* Matériaux pour la connaissance des lichens de Silesie ... Katowice (Nakładem Muzenm śląskiego w Katowicach) 1930. Oct. (*Mat. fl. porost. śląska*).
Publ.: 1930, p. [1]-28, *pl. 1-3. Copy*: US. – Published as Wydawn. Muz. ślask. Katow. 3(2), 1930.

6269. *Lichenum generis Usnea* studium monographicum Leopoli [Lublin] (pars syst.: editio et proprietas auctoris; pars gen. see below) 1936-1947. Oct. (*Usnea*).
Pars generalis, Ann. Univ. Mariae Curie-Sklodowska, Lublin 1(9): [i], [227]-476. 10 Oct 1947.
Pars systematica: 1936-1938, in three parts, p. [i]-iv, [1]-651.
1: 1-304. Nov 1936 (p. 304) (Nat. Nov. Feb 1937).
2(1): 305-560. 1937 (cover) (Nat. Nov. Mai 1938).
2(2): 561-651, [i]-iv. Apr-Jun 1938 (Nat. Nov. Jul 1938).
Copies: BR, FH, H, MO, NY, Stevenson.

Mougeot, (**Joseph**) **Antoine** (1815-1889), French physician and botanist at Bruyères; son of Jean Baptiste Mougeot; studied medicine at Strasbourg (M. D. 1837); mayor of Bruyères 1854-1855, 1861-1868, 1871-1876; member and president of the Conseil général des Vosges (1859-1879). (*A. Moug.*).

HERBARIUM and TYPES: MPU. – Exsiccatae: with C. A. Manoury, C. Roumeguère and Lucien Dupray, *Algues de France*, cent. 1-13, 15, nos. 1-1300, 1401-1500, 1883-1893. Titles:

Algues de France (1-8), *Algues des eaux douces de France* (9-12), *Algues des eaux douces* (13), *Algues françaises* (15). See Sayre (1969) and IH. (set at B extant). See also under J. B. Mougeot. 193 Letters by A. Mougeot to W. Nylander are at H-UB.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 304; Barnhart 2: 521; BM 3: 1361; CSP 4: 498-499, 17: 380; De Toni 1: lxxxviii, 2: lxxxiii; GR p. 341; Herder p. 352; IH 2: 564; Jackson p. 184; Kelly p. 154; Kew 4: 72; LS suppl. 19039; Morren ed. 2, p. 18, ed. 10, p. 61; NI (alph.); Nordstedt p. 24; PR 6495; Quenstedt p. 304; TL-1/1161, see Nestler, C.G.; Tucker 1: 502; Urban-Berl. p. 267.

Anon., Bot. Centralbl. 38: 542. 1889 (d. 20 Feb 1889); Bot. Jahrb. 11(Beibl. 24): 1. 1889; Bot. Not. 1890: 45 (d.); Bull. Soc. mycol. Fr. 24: 1. 1908 (portr.); Leopoldina 25: 111. 1889; Nat. Nov. 11: 122. 1889 (d.).

Claudot, C., Table. alph. ouvrages Soc. Émul. Vosges 64. 1891 (bibl.).

Quélet, L. et al., Ann. Bot. 3: 484-485. 1890 (b. 8 Mai [err.] 1815, d. 20 Feb 1889; bibl.). 1940.

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Roumeguère, C., Revue mycol. 11: 114-116. 1889 (personal recollections); Bull. Soc. mycol. France 5: 60-63. 1889 (1890).

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Thiry, G., B. S. mycol. Fr. 29: 293. 1913 (portr.).

Werner, R. G., Bull. Acad. Soc. lorrain. Sci. 6(2): 114. 1966 (b. 18 Mai 1815, corr.; d. 20 Feb 1889).

COMPOSITE WORKS: With W. P. Schimper (q.v.) *Monographie des plantes fossiles du grès bigarré de la chaine des Vosges*. Leipzig 1844, iii, 83 p., *40 pl.* (publ. Oct 1844).

6370. *Essai d'une flore du nouveau grès rouge des Vosges* (Rothes todt liegendes), ou description des végétaux silicifiés qui s'y rencontrent, Épinal (Typographie de Veuve Gley) 1852. Oct.(*Essai fl. grès rouge Vosges*).
Publ.: 1852 (date on cover reprint), p. [1]-46, *pl. 1-5*, uncol. liths. *Copies*: BR, USGS. – Extrait des Annales de la Société d'Émulation des Vosges, tome vii. – iie cahier. – 1851 (1852).

6371. Extrait de l'ouvrage Le département des Vosges publié par Léon Louis. *La flore des Vosges, Champignons* par le docteur Antoine Mougeot. Épinal (Imprimerie E. Busy, ...) 1887. Oct. (*Fl. Vosges, Champ.*).
Co-author: René Ferry (1845-1924); collaborators: Jean Baptiste Lucien Forquignon (1847-1888), Lucien Quélet (1832-1899).
Publ.: 1887 (p. 2: 15 Apr 1887), p. [1]-196. *Copies*: FH, Stevenson. – Title as on cover.
Preliminary publ.: Quélet, Mougeot, Ferry, Forquignon, Raoult, *Liste, générale des champignons exosporés* (basidiomycètes) spécialement observés dans les Vosges, de 1879 à 1884, Société mycologique, Bulletin no. 1. Mai 1885, Épinal (Imprimerie Victor Collot), p. [5]-89. *Copy*: G. – See also J. B. Mougeot 1845.

6372. *Algues* par le docteur Antoine Mougeot et C. Roumeguère [reprinted from Léon Louis, Le Departement des Vosges, ... Épinal (Imprimerie E. Busy, ...) 1887]. Oct. (*Algues*).
Co-author: Casimir Roumeguère (1828-1892).
Publ.: 1887, p. [1]-88. *Copy*: FH.

Mougeot, Jean Baptiste (1776-1858), Alsatian physician and botanist; 1798-1802 French army health officer in Germany; from 1803 physician at Bruyères; 1833-1858 member of the Conseil général des Vosges. (*Moug.*).

HERBARIUM and TYPES: Mougeot's original collections were acquired by Roumeguère from Mougeot fils and are now at MPU. Important material is also at PC. J. B. Mougeot, C. G. Nestler and W. P. Schimper published 14 fascicles of a series of exsiccata *Stirpes vogeso-rhenanae* (1400 species) of which sets are at BERN, BM, BR, G, LE, NCY, NEU, P, TL, TO. A further series of exsiccata, containing cryptogams, was published by Mougeot, Nestler and Schimper together with Jean Antoine Mougeot (1815-1889) and Casimir Roumeguère

(1828-1892) as *Stirpes cryptogamae vogeso-rhenanae; quas in Rheni superioris inferiorisque, nec non Vogesorum praefecturis collegerunt* ... fasc. i-xvi, numbers 12-14 by Mougeot, Nestler and Schimper, fasc. 15 by J. B. et J. A. Mougeot, Nestler et Schimper, fasc. 16 by Roumeguère. For full details of this set see MO and Sayre (1969). Sets at (e.g.): BM, BR, DBN, E, FH, G, H, JE, K, LE, MPU, NCY, NY, PC, S, W. Each fascicle is accompanied by a title page and a list of contents. – The travel note books and correspondence (ca. 10.000 letters; 250 correspondents; often with Mougeot's own letters as well) are at the Bibliothèque centrale, Muséum d'Histoire naturelle, Paris (Laissus 1978).

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 506; Ainsworth p. 284; Barnhart 2: 520; BL 2: 212, 693; BM 3: 1361; Bossert p. 275; CSP 12: 522, 17: 380; Frank 3(Anh.): 68; GR p. 290, cat. p. 68; Hawksworth p. 184; Hegi 4(2): 717, 6(2): 1267; IH 2: 564; Kelly p. 154-155; Kew 4: 72; KR p. 506; Lasègue p. 289; Lenley p. 464; LS 18373-18376d, 37185; MD p. 185-187; Nordstedt p. 12, 35; Rehder 5: 594; PR 6494 (ed. 1: 7248-7249); SBC p. 127 ("Moug."); Stevenson p. 1251.
Agardh, C. A., Syst. alg. xxvi, 83. 1824 (epon.).
Anon., Bonplandia 7: 22. 1859 (d.); Bot. Zeit. 11 Mar 1859; Bull. Soc. bot. France 5: 497, 707. 1858 (1859), 6: viii. 1859, 15: xiv. 1868; Flora 42: 79-80, 768. 1859; Österr. bot. Z. 9: 134. 1859 (d. 5 Dec 1858).
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Claudot, C., Tabl. alph. ouvr. Soc. Émul. Vosges 64-65. 1891 (bibl.).
Fournier, E., Bull. Soc. bot. France 26(bibl.): 144. 1879 (Roumeguère received remaining colls. J.B. Mougeot for continuation "Stirpes").
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 112. 1970 (set Stirp. vog.-rhen.).
Jackson, B. D., Bull. misc. Inf. Kew 1901: 47 (crypt. coll. 1823-1858 at K).
Jacquel, Bull. Soc. bot. France 6: 6-8. 1859.
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Kirschleger, F., Fl. Alsace 2: lxx-lxxi. 1857.
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Laundon, J. R., Lichenologist 11: 14. 1979 (lichens at PC).
Maud'heux et Lahache, Ann. Soc. Émul. Dép. Vosges 10(1): 398-417. 1859.
Mougeot, J. B., Bull. Soc. bot. France 5: 472-478. 1858 (letter M. to Nestler).
Müller, J., Mém. Herb. Boissier 6: 1-10. 1900.
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Roumeguère, C., Revue mycol. 1(2): 49-58. 1879 (on reliquiae Moug.), 11: 17-34. 1889 (correspondence between M. and Nestler, Villars, Persoon and Fries).
Sayre, G., Mem. New York Bot. Gard. 19(1): 37-38. 1969; Bryologist 80: 514. 1977.
Werner, R. G., Bull. Acad. Soc. lorrain. Sci. 6(2): 113-114. 1966 (b. 25 Sep 1776, d. 5 Dec 1858).
Wittrock, V. B., Acta Horti Berg. 3(3): 109. 1905.

HANDWRITING: Candollea 32: 185-186. 1977.

EPONYMY: *Mougeotella* Gaillon (1833); *Mougeotia* Humboldt, Bonpland & Kunth (1823, *nom. rej.*); *Mougeotia* C. A. Agardh (1824, *nom. cons.*); *Mougeotia* A. de Bary (1858); *Mougeotiella* Yamagishi (1963); *Mougeotiopsis* Palla (1894).

6373. *Index alphabetibus* generum, specierum et synonymorum in J. B. Mougeot, C. Nestler et W. P. Schimper Stirpibus cryptogamis Vogeso-Rhenanis a fasciculo primo ad duodecimum usque enumeratorum. Bruyerii Vogesorum (Bruyères, Vosges) 1843. Qu. (*Ind. alph.*).
Publ.: 1843, p. [1]-25. *Copies*: G, USDA.

6374. Extrait de la Statistique du Département des Vosges, par MM. H. Lepage et Ch. Charton. Histoire naturelle. – Règne végétale. *Considérations générales sur la végétation spontanée du Departement des Vosges,* par le Docteur Mougeot, ... Épinal (de l'imprimerie de Gley) 1845. Qu. (*Consid. vég. Vosges*).
Publ.: 1846 (t.p. 1845, cover 1846; rd. Regensburg Nov 1846), p. [1]-356, corresponding with p. 161-516 of *Statistique*. *Copies*: G, NY, USDA.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 5: 615-618. 27 Aug 1847.

Histoire naturelle. – Botanique, par M. le docteur Mougeot. *Champignons,* p. [1]-127. *Copy*: MICH. – Possibly by Joseph Antoine Mougeot.
Earlier editions of Consid. vég. Vosges: (1) in Ann. Soc. Émul. Vosges 2: 573-631. 1831, (2) in Lepage et Charton, Statistique, 1835 ed. (both n.v.).

6375. *Notice sur les treizième et quatorzième centuries des Stirpes cryptogamae* vogeso-rhenanae, par M. le Dr. Mougeot père, . . . Nancy (Grimblot et Veuve Raybois, . . .) 1856. Oct. (*Not. Stirp. crypt.*).
Publ.: 1856, p. [1]-15. *Copy*: BR.

Mouillefert, Pierre (1846-1903), French dendrologist, "professeur de sylviculture à l'École nationale d'Agriculture de Grignon." (*Mouill.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 521; BM 3: 1361; CSP 10: 864-865, 12: 522, 17: 380; Hortus 3: 1200 ("Mouill."); Jackson p. 492; Kew 4: 72; Langman p. 528; LS 18368-18387; Morren ed. 2. p. 19, ed. 10. p. 63; MW p. 337; NI 1416; PFC 3(1): x; Rehder 5: 594; TL-1/895; TL-2/1: 602; Tucker 1: 502, 3: 227-229; Zander ed. 10, p. 695, ed. 11, p. 792. Anon., Revue hortic. 76: 34. 1904 (d. 26 Dec 1903).

6376. *La truffe* et sa production Histoire naturelle. Production-Récolte. Qualité et emplois. Paris (Librairie agricole de la Maison rustique) 1888. 18-mo. (sign. of 12 and 24 p. alternate). (*Truffe*).
Publ.: 1888, p. [1]-88, text figs. 1-18. *Copy*: Stevenson. – "Extrait du Journal d'agriculture pratique".

6377. *Les principaux arbres et arbustes* de contrées chaudes cultivées dans le midi de la France . . . Paris (Typographie Gaston Née . . .) 1889. Oct.
Publ.: 1889, p. [1]-78. *Copy*: USDA. – Reprinted from J. Soc. natl. Hortic. France ser. 3. 11: 117-133, 193-204, 254-267, 333-352, 398-416. 1889. To be cited from journal.

6378. *Traité des arbres & arbrissaux* forestiers, industriels et d'ornement cultivés ou exploités en Europe et plus particulièrement en France donnant la description de l'utilisation de plus de 2400 espèces et 2000 variétés . . . Paris (Librairie des sciences naturelles Paul Klincksieck, . . .) [1891-] 1892-1898. Oct. (*Traité arbr. arbriss.*).
Publ.: in 38 parts, 2 vols. text, 1 vol. atlas, 1891-1898 (dates provided to Rehder by publisher). *Copies*: FI, MO (orig. covers parts 1-19), NY.
1, texte, p. [i*-iii*], [i]-xvi, [1]-688.
2, texte, p. [i-iii], 689-1403.
Atlas: p. [i*-iii*], [i]-viii, *pl. A-K* (élém. bot.), *1-26, 26bis, 26ter, 27, 27 bis, 27ter, 28, 28 bis, 28ter, 29, 29bis, 30-32, 32bis,* (col.; characters), *1-144* (photogr.) (in all *195 pl.*).

part	signatures	dates	part	signatures	dates
1	1-2	7 Jan 1891	16	31-32	16 Mai 1893
2	3-4	28 Jan 1891	17	33-34	18 Aug 1893
3	5-6	7 Mar 1891	18	35-36	7 Oct 1893
4	7-8	31 Mar 1891	19	37-38	13 Mar 1894
5	9-10	15 Jul 1891	20	39-40	13 Mar 1894
6	11-12	15 Jul 1891	21	41-42	11 Jun 1894
7	13-14	15 Jul 1891	22	43-44	2 Oct 1894
8	15-16	30 Jul 1891	23	45-46	7 Jan 1895
9	17-18	24 Nov 1891	24	47-48	23 Apr 1895
10	19-20	24 Nov 1891	25	49-50	12 Aug 1895
11	21-22	12 Jan 1892	26	51-52	12 Aug 1895
12	23-24	5 Mar 1892	27	53-54	28 Dec 1895
13	25-26	23 Apr 1892	28	55-56	20 Feb 1896
14	27-28	8 Jul 1892	29	57-58	7 Jul 1896
15	29-30	19 Nov 1892	30	59-60	18 Sep 1896

part	signatures	dates	part	signatures	dates
31	61-62	3 Dec 1896	35	74-77	10 Jan 1898
32	63-65	20 Feb 1897	36	78-81	2 Mar 1898
33	66-69	4 Aug 1897	37	82-85	8 Jun 1898
34	70-73	6 Nov 1897	38	86-88	5 Oct 1898
				title and indexes	

Mounce, Irene (Stewart) (1894-x), Canadian mycologist and phytopathologist; M. S. Univ. Manitoba 1922, Ph. D. Toronto 1929; at Ottawa 1924-1938, at Saanichton, D. C. 1938-1945. (*Mounce*).

HERBARIUM and TYPES: DAO, OTB.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 128, 129, 326; Barnhart 2: 521; IH 2: 564; Kelly p. 155; LS suppl. 19041-19048; Stevenson p. 1251.
Rogers, D. P., Brief hist. mycol. N. Amer. 55. 1977.

Mouret, Marcellin (1881-1915), French soldier and botanist; in the 3rd colonial infantry in Martinique, Tonkin and Marocco; died at Argonne on the battle fields of World War I. (*Mouret*).

HERBARIUM and TYPES: P.

BIBLIOGRAPHY and BIOGRAPHY: IH 2: 564.
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Mouret, M., Rev. bryol. 40: 7-13, 51-57. 1913, 41: 10-14. 1914 (Maroccan mosses, descr. by Corbière).
Reynier, A., Monde pl. 17: 20. 1915 (d. 4 Mar 1915, brief rev. publ.).

NOTE: Corbière, L. & E. Jahandiez, *Muscin. Var* 1921 (TL-2/3270) was based on the collections by Mouret; it was issued as a "complément" to the Ann. Soc. Hist. nat. Toulon 6, 1915-1921.

EPONYMY: *Mouretia* Pitard (1922).

Mousnier, Jules (*fl.* 1873), French pharmacist born at Saujon (Charente-Inférieure); Dr. pharm. Paris 1873. (*Mousnier*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: CSP 17: 387; Jackson p. 282.
Dörfler, J., Botaniker-Adressbuch 65. 1896.

6379. École supérieure de Pharmacie de Paris *Les champignons dans le département de la Charente-Inférieure.* Thèse présentée et soutenue à l'école supérieure de pharmacie de Paris le samedi 11 janvier 1873 ... Paris (imprimerie de A. Pillet fils ainé ...) 1873. Qu. (*Champ. Charente-Inf.*).
Thesis issue: 11 Jan 1873, p. [1]-74. *Copies*: G, Stevenson.
Trade issue: 1873, p. [1]-74. *Copy*: NY. – Paris (J.-B. Baillière et fils) 1873. Qu.
Ref.: Anon., Bull. Soc. bot. France 19(bibl.): 236. 1873.

Mouterde, Paul (1892-1972), French jesuit and botanist; from 1929 at the Université Saint-Joseph at Beyrouth; botanical explorer of Syria and Lebanon; specialist in the syrian, coptic, greek and hebrew languages. (*Mouterde*).

HERBARIUM and TYPES: G, rd. 1973 from the Pères Jésuites de l'Université catholique de Beyrouth.

BIBLIOGRAPHY and BIOGRAPHY: BFM 1550; IH 2: 565; Kew 4: 73-74.
Charpin, A. et Greuter, W., Musées de Genève 145: 15-18. 1974 (portr.), Saussurea 5: 61-65. 1974 (portr.; on his publ.).
Miège, J. et Wuest, Saussurea 6: 134. 1975.
Mouterde, P., Nouvelle flore du Liban et de la Syrie, vols. 1-2, 1966-1969. (vol. 3 remained unfinished), see also Taxon 17: 224. 1968 and 19: 644. 1970; volume 3, based on posthumous mss., edited by A. Charpin & W. Greuter, 3(1): (1)-(3), 1-112. Mai 1978; see also Taxon 28: 294. 1979. – See also his *La flore du Djebel Druze,* Paris 1953, 224 p., *24 pl.*, map.

6380. *Petite flore des environs de Beyrouth* ... Beyrouth (imprimerie Catholique) 1935. Oct. (*Petite fl. Beyrouth*).
Publ.: 1935, p, [1]-149. *Copy*: USDA. – Also published in the Annales de la Faculté française de Médecine et de Pharmacie de Beyrouth. [manuscript for this entry written on 7 Oct 1978 when the U. S. A. and the United Nations stopped the Syrian attempt to annihilate the Christian section of Beyrouth].

Mouton, Victor (*fl.* 1875-1901), Belgian mycologist at Liège. (*V. Mouton*).

HERBARIUM and TYPES: BR (rd. 1922); dupl. PAD (Saccardo) and GENT. – Mouton contributed also to C. Roumeguère, *Fungi selecti exsiccati* cent. 49, 1889. – A mss *Catalogue de mon herbier de Champignons,* Janvier 1897, and a mss *Liste des Ascomycètes* observées aux environs de Liège, 1 Janvier 1901, are at BR. (see also Bull. Soc. Bot. Belg. 1886: 137-162. *1 pl.*).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 521; CSP 17: 388; GR, cat. p. 68; Hawksworth p. 184; IH 2: 565(?); LS 18391-18395; Stevenson p. 1252.
Penzig, O. & P. A. Saccardo, Malpighia 15: 221. 1901 (epon.).
Rammeloo, J., Bull. Jard. bot. natl. Belg. 48: 221-230. 1978 (descr. fungus coll. [incl. list types] Mouton at BR; no biogr. details; bibl.).

EPONYMY: *Moutoniella* Penzig & P. A. Saccardo (1901).

Mouton-Fontenille de la Clotte, Marie Jacques Philippe (1769-1837), French botanist and ornithologist; studied at Montpellier under Gouan; from 1808-1815 professor of natural history at the faculty of sciences at Lyon; from 1815-1830 at the Lyon Palais des Arts and director of the natural history cabinet at Lyon; pensioned off in 1830 because of his ultra-royalist attitude. (*Mouton-Font.*).

HERBARIUM and TYPES: LY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 521; BM 3: 1362, 7: 874; Herder p. 169; Jackson p. 16, 226; PR 6496-6499 (ed. 1: 7253-7257); Rehder 5: 594; SO 14, 34g, 325, 326, 336, 337, 338, 524, 765, 766, 782, add. 1233b; Tucker 1: 502.
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Magnin, A., Ann. Soc. bot. Lyon 22: 10-11. 1897; Bull. Soc. bot. Lyon 31: 53-55. 1906, 32: 118. 1907, 35: 28. 1910.
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6381. *Tableau des systêmes de botanique,* généraux et particuliers; contenant 1° le plan de chaque systême; 2° les principes sur lesquels ils sont fondés; 3° leurs avantages et leurs désavantages; 4° spécialement le développement du systême sexuel de Linnaeus. Suivi de

deux mémoires, ... à Lyon (chez l'auteur, Reymann, et C.e. ...) An vi, de la République françoise (1798) Oct. (in fours). (*Tabl. syst. bot.*).
Publ.: 1798, chart [*1*], p. [i, iii], [1]-212, charts *2-100*, [1]-95, [96, l.t.] premier mém. [1]-18, second mém. [19]-55. *Copies*: FI, MO, NY. – SO 336; in part based on Linnaeus, *Classes plantarum.*

6382. *Dictionnaire des termes techniques de botanique,* à l'usage des élèves et des amateurs ... à Lyon (Chez Bruyset ainé et comp.e) an xi. (1803). Oct. (*Dict. term. bot.*).
Publ.: 1803, p. [i*-v*], i-xxvi, [1]-444. *Copies*: FI, NY.

6383. *Système* [sic] *des plantes,* contenant les classes, ordres, genres et espèces; les caractères naturels et essentiels des genres; les phrases caractéristiques de espèces; la citation des meilleures figures; le climat et le lieu natal des plantes, l'époque de leur floraison, leurs propriétés et leurs usages dans les arts, dans l'économie rurale et la médecine: extrait et traduit des ouvrages de Linné, par M.J.P. Mouton-Fontenille, ... à Lyon (Chez Bruyset aîné et Buynand) an xii-1804/ an xiii 1805. 5 vols. Oct. (*Syst. pl.*).
1: 1804, front. portr. Linnaeus, p. [i*], [i]-lxxix, [lxxx, table], [1]-532. – This volume was also issued with a t.p. dated 1805 (second copy UC) (inf. R. Schmid).
2: 1805, p. [i, iii], [1]-467.
3: 1805, p. [i, iii], [1]-648.
4: 1805, p. [i, iii], [1]-518.
5: 1805, p. [i*-iv*], [i]-xviii, [i]-xviii, [i]-xvi, [i]-xxxii, [i]-xxii, [i]-viii, [i]-xxxiv, [i]-cxiv, [i]-xvi, [i]-lxiv, [i]-xliv [i]-vi, [1-2, err.].
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Note: booknumber 6384 has not been used.

6385. *Coup-d'oeil sur la botanique,* discours prononcé le mercredi 9 mai 1810, jour de l'ouverture du cours d'histoire naturelle à l'Académie de Lyon, ... à Lyon (Chez Yvernault et Cabin, ...) 1810. Oct. (*Coup-d'oeil bot.*).
Publ.: 1810 (post 9 Mai), p. [i]-xxxii, [1]-79. *Copy*: B-S.

6386. *Tableaux de concordance des genres d'un Pinax des plantes européennes* ... Paris (Chez Déterville, ...), Lyon (Et.ne Cabin et Cie ...) s.d. [1814-1815]. Oct. (*Tabl. concord. genres*).
Publ.: 1814-1815, p. [i*], engr. t.p., [iii*-vi*], [i]-xx, [1]-95, [1-4, adv.]. *Copies*: G, MO, NY.

Moxley, George Loucks (1871-?), American botanist, methodist missionary in Liberia 1896-1897; in Southern California from 1898. (*Moxl.*).

HERBARIUM and TYPES: LAM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 521 (orig. inf.); BL 1: 167, 310; BM 7: 874; GR p. 234; Hortus 3: 1200 ("Moxl."); IF suppl. 2: 38; IH 2: 565; Kew 4: 74; Langman p. 528; LS suppl. 19057-19058; NAF ser. 2. 5: 249; Zander ed. 10, p. 695, ed. 11, p. 739, 792. Thomas, J. H., Huntia 3: 41-42. 1969 (1979).

6387. *Flora of Southern California* ... Los Angeles (Times-Mirror Press) 1923. Oct. (*Fl. S. Calif.*).
Co-author: Anstruther Davidson (1860-1932).
Publ.: 1923 (NY rd 21 Aug-30 Nov 923), p. [1]-452, err. slip. *Copies*: MO, NY.

Moyen, J. (*fl.* 1889), French clergyman and botanist; spent some time in Canada; later "Prêtre de Saint-Sulpice, Professeur d'Histoire naturelle à la Maison d'Alix" (Lyon). (*Moyen*).

HERBARIUM and TYPES Unknown. BIBLIOGRAPHY and BIOGRAPHY BM 3: 1362; Jackson p. 366; LS 18397; Rehder 5: xvii; Tucker 1: 502.
Anon., Natural. canad. 5: 229. 1873.

6388. *Les Champignons* traité élémentaire et pratique de mycologie suivi de la description des espèces utiles dangereuses remarquables par J. Moyen ... avec une introduction par Jules de Seynes ... 20 chromotypographies et 334 vignettes. Paris (J. Rothschild, ...) s.d. [1889]. Oct. (*Champignons*).
Introduction: Jules de Seynes (1833-1912).
Ed. 1: Jan-Mar 1889 (p. xxiv: 5 Dec 1888; Nat. Nov. Mar(2) 1889; Bot. Zeit. 28 Jun 1889; Bot. Centralbl. 24 Apr 1889), p. [i]-xxxv, [i]-762, [1], *pl. 1-20* chromoliths., with text. *Copies*: BR, FH, G, MICH, NY, Stevenson.
Ed. [2]: Jan-Mar 1894 (Nat. Nov. Apr(2) 1894; Hedwigia 15 Apr 1894, 1-772, *pl. 1-20* (n.v.).
Ed. [3]: 1902 (Nat. Nov. Oct(1) 1902), 1-880, *pl. 1-20* (n.v.).

Moyer, Isaac Shoemaker (1838-1898), American physician and botanist; studied at Pennsylvania Medical College, grad. 1859; practiced in Quakertown, Pennsylvania. (*Moyer*).

HERBARIUM and TYPES: FMC, MO, PH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 522; IH 2: 565; Lenley p. 300; Morren ed. 10, p. 130; Pennell p. 614; Tucker 1: 503.
Anon., Bartonia 2: 34. 1909 (d. 7 Sep 1898), 22: 15. 1913.
Kelly, H. A., *in* Kelly, H. A. and Burrage, W. L., Amer. med. biogr. 830. 1920.

Mudd, William (A.) (1830-1879), British gardener and lichenologist; at first at Great Ayton, Cumb.; later (1865) curator of the Cambridge botanic garden. (*Mudd*).

HERBARIUM and TYPES: BM. – Exsiccatae: (1) *Lichenum britannicorum*, ... fasc. 1-3, nos. 1-301, Great Ayton 1861; sets at BM, BR, CGE, DBN, DUKE, E, FH, MANCH, MSC, NY, S, UPS, W. For index see Mudd, *Man. Br. lich.* (1861).
(2) *A monograph of British Cladoniae*, nos. 1-80, 1865, sets at BM, DBN, E, FH, G, NMW, NY, UPS. Se also below, no. 6390.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 522; BB p. 233; BM 3: 1364; CSP 4: 502, 12: 523; Desmond p. 454; GR p. 278, cat. p. 68; Hawksworth p. 184, 196; Herder p. 259; IH 2: 566; Jackson p. 243; Kelly p. 155; Kew 4: 75; Krempelh. 2: 397-415; LS 18400-18403; Morren ed. 2, p. 23; PR 6500; Rehder 5: 595; SBC p. 127 ("Mudd").
Anon., Bot. Zeit. 37: 304. 1879; Bull. Soc. bot. France 26 (bibl.): 93. 1879 (d.); Trans. Bot. Soc. Edinb. 14: 40-41. 1883; Gard. Chron. 1864; 1010 (app. Cambr.).
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Candolle, Alph. de, Phytographie 435. 1880 (exsicc.).
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Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 112. 1970 (exsicc. E).
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Laundon, J. R., Lichenologist 11: 14. 1979 (lich. BM).
Lynge, B., Index Lich. exsicc. 391-398. 1915/19.
Mudd, W., J. Bot. 1: 152-156. 1863 (answer to Nylander, 1863).
Nylander, W., Flora 46: 77-79. 1863 (names changes for exsicc. *Lich. brit.*).
Sayre, G., Mem. New York Bot. Gard 19(1): 148-149. 1969.
Trimen, H., J. Bot. 17: 160. 1879.
Wittrock, V. B., Acta Horti Berg. 3(3): 81. 1905.

6389. *A manual of British lichens*, containing descriptions of all the species and varieties, and five plates, with figures of the spores of one hundred and thirty species, illustrative of the genera ... Darlington (printed for the author by Harrison Penney, ...) 1861. Oct. (*Man. Brit. lich.*).
Publ.: 1861 (p. vi: 8 Mai 1861), p. [i]-viii, [1]-309, [i]-xxii, *pl. 1-5*, partly handcol. liths. by author. *Copies*: L, MO, NY, Stevenson; IDC 587. – The series *Lichenes britannici* was issued to accompany the *Manual* (sold at £ 1.14.6; with the *Manual* £ 2.10.0).
Ref.: Anon., Flora 45: 475-480. 16 Oct 1862.

Schlechtendal, D. F. L. von, Bot. Zeit. 20: 40. 31 Jan 1862 (refers to review in The Athenaeum).

6390. *A monograph of British Cladoniae,* illustrated with dried specimens of eighty species and varieties ... Cambridge (printed for the author by Harrison Penney, ...) 1865. Qu. (*Monogr. Brit. Cladon.*).
Publ.: Oct-Dec 1865 (J. Bot. Oct 1865 in preparation; BM copy rd. 1865; J. Bot. rev. Mar 1866; Sydow, Fl. Deutschland xv, gives 1866), p. [i]-vi, [vii-viii], [1]-36. *Copy*: G. – Accompanied by the series of exsiccatae (80 nos.) with the same name. For further details see Sayre (1969); for an index see Lynge p. 391-393. We have seen no copy of the Berlin index mentioned by Lynge.
Ref.: Seemann, B., J. Bot. 3: 328. Oct 1865 (W. Mudd ... is preparing a monograph of the British species of Cladonia); 4: 90-91. Mar 1866 (rev.).
Sayre, G., Mem. New York Bot. Gard. 19: 148-149. 1969.

Mudie, Robert (1777-1842), British journalist and popular writer on natural history; 1802-1808 teacher in Scotland; to London 1808 as reporter with the Morning Chronicle and editor of the Sunday Times. (*Mudie*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 522; BB p. 223; CSP 4: 502; Desmond p. 454; DNB 39: 263; Herder p. 21; Jackson p. 471; PR 6501 (ed. 1: 7259); Rehder 5: 595; Tucker 1: 503.
Allibone, S. A., Crit. dict. Engl. lit. 1384. 1870 (bibl.).
L. A. S. Johnson, Contr. N. S. W. Natl. Herb. 3(3): 105-107. 1962 (*Eucalyptus mannifera* Mudie; apparent copying from notes by A. Cunningham).
Hall, N., Botanists of the Eucalypts 97. 1978.

COMPOSITE WORKS: (1) *The florist's journal* (n.v.), see Loudon, J. C., Gardener's Mag. ser. 2. 6: 602-603. 1840, or nos. (monthly) 1-7, 168 p., 1840.
(2) *The British naturalist,* or sketches of the more interesting productions of Britain ... vols. 1-2 (all publ.), London 1830.

6391. *The botanic annual*; or familiar illustrations of the structure, habits, economy, geography, classification, and principal uses of plants, with notices of the way in which they are affected by climate and seasons; and a short sketch of Coniferae ... London (published by James Cochrane and Co., ...) 1832. Oct. (*Bot. ann.*).
Publ.: 1832 (p. viii: 1 Dec 1631), frontisp., engr. t.p., p. [i]-xv, [1]-446, *2 pl.* (uncol., auct.). *Copy*: NY.

6392. *A popular guide to the observation of nature*; or, hints of inducement to the study of natural productions and appearances, in their connexions and relations ... London (Whittaker, Treacher & Co. ...) Edinburgh (Waugh & Innes) 1832. Duod. (in sixes). (*Pop. guide obs. nat.*).
Orig.: 1832. p. [i-ii], engr. t.p., [iii]-xxii, [1], [1]-372. *Copy*: MICH.
Amer. ed.: 1833, p. [1]-343. *Copy*: MICH. – New York (printed and published by J. & J. Harper, ...) 1833. Duod. (in sixes).

Mühlberg, Friedrich ("Fritz") (1840-1915), Swiss botanist and geologist; studied at Zürich; high school teacher at Zug (Aargau) 1862-1865; from 1865-1911 id. in Aarau; Dr. phil. h.c. Basel 1888. (*Mühlberg*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 522; BL 2: 567; BM 3: 1364, 7: 875; CSP 8: 452, 10: 871, 17: 392; Jackson p. 300; LS 18407; Quenstedt p. 307; Rehder 5: 595; Tucker 1: 503.
M.M., Verh. Schweiz. naturf. Ges. 97(1) (Nekr.): 112-156. 1915 (bibl., portr., b. 29 Apr 1840, d. 25 Mai 1915), also publ. as Mitt. Aarg. naturf. Ges. 14: 1-46. 1917.
Schmidt, C., Verh. naturf. Ges. Basel 27: 1-4. 1916.

EPONYMY: *Muehlbergella* Feer (1890).

6393. *Die Standorte und Trivialnamen der Gefässpflanzen des Aargau's.* Mit Benützung eines hinterlassenen Manuskripts der Aargauer-Flora des Herrn Joseph Fridolin Wieland sel., gewesenen Arztes in Schöftland, und mit Beiträge mehrerer Botaniker. Aargau (Druck und Verlag von H. R. Sauerländer) 1880. Oct. (*Standorte Gefässpfl. Aargau*).
Publ.: Jul-Aug 1879 (t.p. 1880, but Nat. Nov. Aug(1) 1879; Bot. Zeit. 5 Sep & 5 Dec 1879; see also annotation by Burnat on his copy of the book at G), p. [i]-xxiv, [1]-246. *Copies*: G, NY. – Nat. Nov. mentions a Leipzig 1879 imprint, but this refers probably to the Leipzig dealer; Bot. Zeit. 5 Sep 1879 has "Aarau 1879."

Mühlenbach, Viktor (1898-x), Latvian bacteriologist, physician and botanist; Dr. Med. Riga of Dorpat 1933; habil. Riga 1936; emigrated to the U.S.A 1951; from 1953 associated with the Missouri Botanical Garden and actively interested in the adventive flora of St. Louis. (*Mühlenbach*).

HERBARIUM and TYPES: MO.

BIBLIOGRAPHY and BIOGRAPHY: Hirsch p. 206 ("Ass. des Hygien. Inst., Univ. Riga (Latvija)" ...).
Anon., Missouri Bot. Gard. Bull. 64(4): 1, 3. 1974 (portr.; on adventive flora), 66(10): 2. 1978 (portr. 80th birthday).
Meder, A., Korr.-Bl. Naturf.-Ver. Rigas, Register 26. 1932.
Muehlenbach, V., Acta horti bot. Univ. Latv. 7: 87-130. 1932 ("Die Adventivflora des Rigaer Eisenbahnknotens"), Par udens chlorsaistamspejas noteiksanas metodem un tas pratisko nozimi udens higiana. Riga, 1933 (thesis for medical doctor's degree; contains curriculum vitae); Apkàrtraksts 114:1-15. 1978 (Latvian, "medicina et ars amabilis"); Contributions to the synanthropic (adventive) flora of the railroads in St. Louis, Missouri, U.S., Ann. Missouri bot. Gard. 66(1): 1-108. 1979.
Schrober, M., Missouri Life May-June 1978, p. 25-28 ("He walks the line; on his botanizing along the railroad tracks").

Muehlenbeck, Heinrich Gustav (1798-1845), Alsatian botanist and physician; Dr. med. Paris; practicing physician in Gebweiler 1822-1833; from then on at Mulhouse (Mühlhausen); friend of W. P. Schimper. (*Muehlenbeck*).

HERBARIUM and TYPES: STR; some further material at B, K, and MW. Many specimens at STR labelled *Lichens des Pyrenées.* – 159 letters to and from J. B. Mougeot at P (Bibl. centr.).

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 880; Backer p. 382; Barnhart 2: 522; DTS 1: 386; IH 1(ed. 6): 362, 2: 567; Kew 4: 75; PR 6502 (ed. 1: 7260); Urban-Berl. p. 308.
Anon., Ber. naturf. Ges. Basel 10: 168-171. 1852; Bot. Zeit. 4: 15-16, 136. 1846, 18: 127-128. 1860 (sale herb.).
Baines, J. A., Vict. Natural. 90: 248-249. 1973.
Dilg, P. & W. Ilg, Deut. Apotheker-Zeit. 118: 251. 1978 (member Regensb. bot. Ges.).
Kirschleger, F., Fl. Alsace 2: lxxii-lxxiii.
Laissus, Y., 103. Congr. natl. Soc. Sav. Nancy 5: 237. 1978 (corr. with J. B. Mougeot).
Pritzel, G. A., Linnaea 19: 458. 1843.
Sayre, G., Mem. New York Bot. Gard. 19(3): 373. 1975.

EPONYMY: *Muehlenbeckia* C. F. Meisner (1841, *nom. cons.*).

Mueller, Anton (1798-1864), Moravian naturalist; educated at the Gymnasium of Brünn (Brno); administrator in the "Kreisamt" Brünn until 1858. (*A. Muell.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1364-1365, 7: 876; CSP 17: 394; Jackson p. 10; PR 6506; Rehder 5: 596.
Schram, W. C., Notizen-Blatt (Beilage, der Mittheilungen) der historisch-statistischen

Section der k.k. mährisch-schlesischen Gesellschaft zur Beförderung des Ackerbaues, der Natur- und Landskunde. 50: 57. 1886 (copy of this rare journal at USDA).

COMPOSITE WORKS: With F. Marquardt, q.v., *Die essbaren und schädlichen Schwämme* in naturlicher Grösse abgebildet von A. Müller, *4 pl.* s.l., 1855 ("1856") (Österr. bot. W. 5: 399. 13 Dec 1855 reports receipt). We failed to locate a copy of A. Mueller, *Alphabetisches Wörterbuch* synonymer lateinischer, deutscher und böhmischer *Namen der offizinellen Pflanzen,* 1866.

Müller, E. G. Otto (1857-?), German botanist; Dr. phil. Breslau 1886; contributed to "Engler and Prantl." (*E. G. O. Müll.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 523; BFM 3062, 3087; BJI 1: 41; BM 3: 1365; Rehder 5: 596.
Müller, E. G. O., Bot. Jahrb. 7: 92. 1886.
Note: for Eugen Müller (1880-1955) see e.g. GR p. 115.

COMPOSITE WORKS: EP, *Nat. Pflanzenfam., Cucurbitaceae,* 4(5): 1-39. Jun 1889. Nachträge p. 392-394; Supplement by Pax and Engler, *Nachtr.* 2-4: 317-318. 1817, Harms, Ergänzungsheft 1: 75. 1900.

6394. *Die Ranken der Cucurbitaceen.* Inaugural-Dissertation, welche zur Erlangung der philosophischen Doktorwürde nebst den beigefügten Thesen mit Genehmigung der philosophischen Fakultät der Universität Breslau Sonnabend, den 30. Januar Mittags 12 Uhr in der kleinen Aula gegen die Herren Dr. F. Staats und Referendar G. Neisser öffentlich vertheidigen wird E. G. Otto Müller. Breslau (Druck von Robert Nischkowsky) 1886. Oct. (*Ranken Cucurb.*).
Publ.: 30 Jan 1886 (t.p.; Bot. Zeit. 26 Mar 1886; Nat. Nov. Apr(1) 1886), p. [1]-53, [54, expl. pl.], [1-2, curr. vitae, theses], *pl. 5-7. Copy*: G. – Reprinted from: Cohn, F., Biol. Beitr. 4(2), 1886.
Ref.: Wieler, Bot. Zeit. 44: 578-583. 20 Aug 1886.
Moebius, M., Bot. Centralbl. 27: 187-189. 16-20 Aug 1886 (rev.).

Mueller, Sir **Ferdinand Jacob Heinrich** ("Baron") **von** (1825-1896), Australian botanist of German birth; studied pharmacy at Kiel; to Australia for health purposes 1847; assistant pharmacist at Adelaide 1847-1853; from 1857-1896 Government botanist of Victoria; 1857-1873 director of the Melbourne botanical garden; title of Freiherr (Baron) from the king of Württemberg; leading Australian botanist and botanical explorer. (*F. v. Muell.*).

HERBARIUM and TYPES: MEL. For duplicates see IH; important sets at BM, K, P and W. Many letters at K. *Exsiccatae*: *Educational collections of Australian plants,* 1873, 1875, 2 sets of 50 plants.

NOTE: Baptised Ferdinand Jacob Heinrich Müller, M. changed his name to Mueller in 1852. "Baron" von Mueller's conspicuously high number of orders and titles mentioned on the title pages of many of his books are attributed by Ascherson to the liberality with which Mueller sent Australian plants to Europe (AG 6(2): 723): "ihm ist ... die Einführung zahlreicher Pflanzen in die Europäischen Gärten zu verdanken, für die er zahllose Ehrungen (Orden, Titel) einheimste". Mueller held 20 knighthoods, five doctorates, and membership of some 150 scientific societies (Willis 1949). He himself would have thought it fully appropriate, and correctly so, that his entry in TL-2 is a major one.

ABBREVIATION OF NAME: We follow ICBN Rec. 46A.5 in recommending *F. v. Muell.* as the abbreviation of the "Baron's" name. Mueller himself used F. v. M. For a discussion of this point see e.g. Eardley (1953), Jessep 1953. The dispute seems to have been settled because no proposals have been made to change the text of the Code since F. v. Muell. was introduced as the recommended abbreviation.

GENERAL BIBLIOGRAPHY: Churchill, D. M., F. B. Muir and D. M. Sinkora, The published works of Ferdinand J. H. Mueller (1825-1896), Muelleria 4(1): 1-120. 1978 (portr., biogr. notes, biogr. refs., collections and handwriting, index of subjects, bibliography (nearly 1000 papers and books; nearly 10.000 pages; many of the publications dated by month). The treatment below covers obviously only part of Mueller's astonishing productivity. The bibliography by Churchill et al. contains many details not noted by us. It provides information on e.g. the many preprints from journals ("extra prints").

INDEX TAXA: "An index to the new taxa, new combinations and new names published by Ferdinand J. H. Mueller, by T. B. Muir, Muelleria 4(2); 123-168. 1979.

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Anon., Biogr. Jahrb. 3: 93*. 1900 (further biogr. refs.); Bonplandia 1: 144. 1853, 3: 344. 1855 (on Gregory's N. Austral. exp.), 6: 48. 1858 (Leopoldina cogn.: Lechenault), 9: 362. 1861 (development Bot. Gard.); Bot. Centralbl. 68: 191. 1896 (unser langjähriger verdienstvoller Mitarbeiter; d. 9 Oct 1896); Bot. Gaz. 22(5): 432. 1896 (d.), 23(3): 227. 1897 (death mask for sale), 25: 299. 1889 (memorial sheet); Bot. Not. 1897: 47 (d.); Bot. Zeit. 54(2): 336. 1896; Bull. misc. Inf. Kew 1896: 218-219; Bull. Soc. bot. France 6: 839-840. 1860 (note on M's activities as director of the Melbourne botanical garden), 20(bibl.): 103. 1873 (leaves bot. gard. Melbourne); Gard. Chron. ser. 3. 20: 464-466. 1896; Mitt. deut. dendr. Ges. 1917: 248 (portr.); Nat. Nov. 8: 241. 1886 (resigns dir. bot. Gard.); 18: 506. 1896 (d.), 19: 331. 1897 (Mueller Botanic Society founded); Proc. Linn. Soc. London 1896/-7: 60-64. 1897; The South Australian Register, Monday, October 12, 1896 (portr.); The town and country journal [Melbourne] 24 Oct 1896 ["The Baron was rather eccentric in his ways, and his vanity was tremendous . . ."] (portr.); Verh. bot. Ver. Brandenburg 38: lxxx. 1896 (d. 9 Oct 1896); Wiener illustr. Gart.-Zeit. 15: 427-428. 1890 (portr.).

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Barnard, F. G. A., Vict. Natural. 21: 17-28. 1904.

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Goulding, J. H., Rec. Auckland Inst. Mus. 13: 103-105. 1976.
Greene, E. G., Pittonia 1: 266-269. 1889.
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Knapp, J. A., Baron Ferdinand von Mueller, Wien 1877, 16 p., (Z. allg. oesterr. Apothekerver. 15(36): 597-617. 1977) (b. 30 Jun 1825), see also Österr. bot. Z. 28: 74. 1878.
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COMPOSITE WORKS: Bentham, G., *Flora australiensis* (see TL-2/428), "by G. Bentham ... assisted by Baron F. von Müller".

HANDWRITING: Hoppea 34(2): 419 (no. 7). 1976; Rec. Auckland Inst. Mus. 13: 105. 1976; SK 1: cli; Candollea 32: 187-188. 1977; Muelleria 4(1): 15-17. 1978.

EPONYMY: (genera): *Austromuellera* C. T. White (1930); *Muellerella* F. Schmitz ex H. Kylin (1956); *Muellerena* F. Schmitz (1897); *Muelleranthus* J. Hutchinson (1964); *Muelleriella* Van Heurck (1896, *nom. rej.*); *Muelleriopsis* N. I. Hendey (1972); *Muellerina* Van Tieghem (1895);

Muellerothamnus Engler (1897); *Sirmuellera* O. Kuntze (1891); (journal) *Muelleria*. An Australian Journal of Botany. Melbourne. Vol. 1-x. 1955-x. *Notes*: *Muellerites* L. Holm (1968) and *Muelleromyces* M. N. Kamal & K. H. Anahosur (1968) are dedicated to Emil Müller (1920-x), Swiss mycologist. *Ahmuellerella* F. Reinhardt (1964) is dedicated to A. H. Mueller (fl. 1964), German geologist.

POSTAGE STAMPS: Australia $2^1/_2$ p. (1948) yv. 162. (see Best 1948).

6395. *Breviarum plantarum ducatas slesvicensis austro-occidentalis* composuit Ferdinandus Jacobus Henricus Müller, Phil. Dr. [Abdruck aus Flora 1853 ...] Oct.
Publ.: 14-21 Aug 1853, p. [1]-22. *Copy*: MO. – Reprinted from Flora 36: 473-480, 14 Aug 1853, 489-503. 21 Aug 1853. – Mueller's first botanical paper, completed 1845 but published later than his first Australian paper (Notes on South Australian botany, South Austral. Reg., Adelaide 14(1048): 3. 9 Feb 1850). To be cited from Flora.
Ref.: Churchill, D. M. et al. 1978. no. 53.08.02.

6396. *Definitions of rare or hitherto undescribed Australian plants* ... Melbourne (Goodhugh & Trembath, ...) 1855. Oct. (*Defin. Austral. pl.*).
Publ.: 1855 (reprint), p. [i], [1]-53. *Copies*: MO, IDC 8065. – Reprinted from Trans. Vict. Inst. 1854-1855: 28-48, 114-135. 1855. – Other papers with this same title were published in Trans. philos. Soc. Victoria 1: 5-24, 34-50. 1855 and *in* W. J. Hooker, J. Bot. Kew Gard. misc. 8: 1-11, 33-46, 65-72, 144-150, 161-169, 201-210, 332-336. 1856. The two papers reprinted in the Trans. Vict. Inst. had slightly different titles in the journal issues.

6397. *Fragmenta phytographiae Australiae*, ... Melbourne (auctoritate gubern. coloniae Victoriae. Ex officina Joannis Ferres) 1858-1882, 12 vols. & suppl. Oct. (in fours). (*Fragm.*).
Publ.: Eleven volumes were published in 93 parts, dated on the last page of each part. Fascicle no. 94 was published Dec 1882 as the first part of vol. 12. After this, publication was stopped. A supplementum ad volumen undecimum, Melbourne (1880, Oct.) containing 6 papers by different authors was issued as a supplement (132 pages) to vol. 11, part 6 (reprinted 1883).

Vol.	fasc.	pages	*plates*	dates
1	1-10	[i-v],[1]-252	*1-10*	Mar 1858-Dec 1859
2	11-16	[i],[1]-[199]	*1(=11),12-15*	Feb 1860-Mai 1861
3	17-23	[i],[1]-177	*16-20,22-25*	Apr 1862-Apr 1863
4	24-30	[i],[1]-195	*26-34*	Sep 1863-Nov 1864
5	31-40	[i-iii],[1]-240	*35-44*	Apr 1865-Dec 1866
6	41-49	[i],[1]-276	*45-60*	Jul 1867-Dec 1868
7	50-57	[i],[1]-166	[*61-62*]	Jun 1869-Dec 1871
8	58-70,[71]	[i],[1]-304	[*63-66*]	Mar 1872-Oct 1874
9	71-80	[i-ii],[1]-216		Feb 1875-Dec 1875
10	81-87	[i],[1]-[145]		Jan 1876-Oct 1877
11	88-93	[i],[1]-151		Mar 1878-Aug 1881
12	94	[1]-26		Dec 1882
Suppl. ad. vol. undecinum [sic]		[1]-132		1880

Co-authors Supplementum: p. [1]-42, *Algae* by Wilhelm Otto Sonder (1812-1881); [43]-44, *Characeae* by Alexander Carl Heinrich Braun (1805-1877); [45]-52, *Musci frondosi* by Georg Ernst Ludwig Hampe (1795-1880); [53]-69, *Musci-Hepaticae* by Carl Moritz Gottsche (1808-1892); [70]-74, *Lichenes* by August von Krempelhuber (1813-1882), [75]-104, *Fungi* by Mordecai Cubitt Cooke (1825-1914), [105]-[132], add., ind. by F. Mueller.
Copies: FI, G, GRO, L, MO, NY, U, US, USDA; IDC 6085.
Plates: uncoloured liths. by Ludwig Becker and F. Schönfeld (also as Schonfeld). Plate *21* (or, alternatively *22*) is usually lacking. The Leiden copy (which was used for the Asher facsimile edition) has this plate, inserted from another issue. It shows the illustration of *pl. 22* but reversed and named *Newcastlia spodotricha* (*pl. 22*: *spodistridra*).

Supplementum ad Fragmentorum phytographiae Australiae ... *Fungi australiani,* M. C. Cooke, enumerati. (impr. "Grevillea," t. x, xi.) 1883. Melbourne, p. [i], [1]-72, *pl. 1-4.*
Copy: NY. Reprinted from *Grevillea* 9: 142-149. Jun 1881; 10: 60-64. Dec 1881, 93-104. Mar 1882, 131-136. Jun 1882; 11: 28-34. Sep 1882, 57-65. Dec 1882, 97-104. Mar 1883, 145-150. Jun 1883; 12: 8-21. Sep 1883.
Facsimile ed.: Amsterdam (A. Asher & Co.) 1974, ISBN 90-6123-311-9, vols. 1-11 and suppl. taken from copy at L, vol. 12 from copy at GRO. *Copy*: FAS. – See Taxon 23: 817. 1974.
Ref.: Junk, W., Rara 173. 1926.

6398. *Report on the plants collected during Mr. Babbage's expedition* into the North-Western interior of South Australia in 1858 ... by Authority: John Ferres, Government printer, Melbourne [headline: 1858. Victoria]. Qu. (*Rep. pl. Babbage's Exped.*).
Publ.: 18 Oct 1859, p. [1]-21. *Copies*: MO; IDC 6465. – Published *in* Victoria Parliamentary Papers, Votes Proc. Legisl. Assembly 1859-1860, 3(1): 1-21. tabled 18 Oct. Preliminary publ. in Trans. Pharm. Soc. Victoria 2(5): 44-46. 1 Apr 1859.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 18: 74-76. 24 Feb 1860.
Churchill, D. M. et al. 1978, no. 59.10.02.

6399. *The plants indigenous to the colony of Victoria,* ... Melbourne (by authority: John Ferres, Government Printer, ... F. F. Baillière), London (H. Baillière), New York (Baillière brothers), Paris (J.-B. Baillière), Madrid (Bailley Baillière) 1860-1865, 2 vols. Qu. (*Pl. Victoria*).
Vol. 1, Thalamiflorae: Feb 1862 (see p. 242), p. [i]-viii, [1]-242, *pl. 1-12* (by Ludwig Becker, suppl. *pl. 1-11* (by F. Schönfeld). *Copies*: BR, FI, L, MICH, MO, NY, U, USDA. We have no indication that the volume was published in parts and hence accept the date on p. 242 as that of publication.
Vol. [2], *Lithograms*: 1865 (t.p. 1864-1865; J. Bot. Aug 1865), p. [i, iii, v], *pl.* (with text) *13-71*, suppl. *pl. 12-18* (all F. Schönfeld). *Copies*: B, BR, FI, L, MO, NY, US, USDA. – Melbourne (by authority: John Ferres, ...) 1864-1865.
Vol. 2(2): Melbourne (Kemp) 1910 (p. 2: 30 Jun 1910, J. Bot. Jan 1911), p. [i], [1]-37, *pl. 5, 10, 15, 19, 72-98* by Alfred James Ewart (1872-1937) (see J. Bot. 49: 40 Jan 1911). *Copies*: G, MICH. – Edition of 484 copies.
Uncol. lithographs by F. Schönfeld, L. Becker and T. S. Ralph.
Ref.: Anon., Flora 46: 160, 349, 353-356. 1863 (vol. 1).
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6400. *The vegetation of the Chatham-Islands,* ... Melbourne (by authority: John Ferres, Government printer) 1864. Oct. (in fours). (*Veg. Chatham-Isl.*).
Publ.: 15 Sep-31 Dec 1864 (p. 8: 15 Sep 1864; J. Bot. rd. Jan 1865; Flora rd. Mar-Mai 1865; BSbF Mar 1865), p. [i-iii], [1]-86, *pl. 1-7* (uncol. liths. by F. Schönfeld). *Copies*: L(2), MO, NY, US; IDC 8091.
Ref.: Seemann, B., J. Bot. 3: 95-96. 1865.
Schlechtendal, D. F. L. von, Bot. Zeit. 24: 4-6. 5 Jan 1866.
Anon., Bull. Soc. bot. France 10: 765. 1867 (post Apr), also BSbF (Rev. bibl.) 12: 88-87. Mai 1865.

6401. *Analytical drawings of Australian mosses,* ... I. Fascicle. Melbourne (by authority: John Ferres, ...) 1864. Oct. † (*Anal. draw. Austral. moss.*).
Fasc. 1: 1864 (J. Bot. Mar 1865; Flora 20 Mai 1865; BSbF 10 Mar 1865), p. [1]-7, *pl. 1-20* with text (uncol. liths. by Schönfeld). *Copies*: FH, H, MO, NY, USDA.
Ref.: Seemann, B., J. Bot. 3: 101. Mar 1865.
Schlechtendal, D. F. L. von, Bot. Zeit. 24: 15. 1866.
Anon., Bull. Soc. bot. France 10: 765-766. 1867 (post Apr); also BSbF Rev. Bibl. 12: 121-122. Jun 1865.
Anon., Flora 48: 239, 240. 1865.

6402. Intercolonial Exhibition, 1866-7. *Australian vegetation,* indigenous or introduced, considered especially in its bearings on the occupation of the territory, and with a view of unfolding its resources ... Melbourne (Blundell & Co., ...) 1867. (*Austral. veg.*).
Publ.: 1867, p. [1]-38. *Copy*: FI.

6403. *Succinct observations on a new genus of fossil Coniferae* . . . (Extracted from "Reports of the Mining Surveyors and Registrars for Quarter ending 31st March 1871).
Publ.; 18 Mai 1871 (in Reports), p. [1]-2, plan, section, *pl. 1. Copy*: FI. – Reprinted from above-mentioned *Reports*, Appendix B; 48-49, tabled in Legislative Assembly 18 Mai 1871 (Churchill et al. 71.05.02). – The new genus, *Spondylostrobus* F. v. Muell. was first published Jul-Dec 1870 in Quart. J. Geol. Soc. London 26: 610. 1870 (ING 3: 1655). The type species (*S. Smythii*) was dedicated to R. Brough Smyth, co-author of the 1870 publ., but not co-author of the new names.

6404. *New vegetable fossils of Victoria* . . . continued. [Extracted from the "Reports of the Mining Surveyors and Registrars for Quarter ending 30th September 1871] 1871.
Publ.: 21 Nov 1871 (in *Reports*), p. [1]-3, *2 pl. Copy*: FI. – Reprinted and to be cited from Rep. Mining Surv. Registr. 1871 (3) Appendix B: 39-41, *pl. 4-5*. 21 Nov 1871 (see Churchill et al. 71.11.01). – Contains the original publication of *Rhytidotheca*, cf. ING 3: 1519.
First part: 15 Aug 1871, in ib. 1871(2) (Appendix B): 47-49. *pl. 2-3*. 15 Aug 1871 (see Churchill et al. 71.08.01).

6405. *The principal timber trees* readily eligible for Victorian industrial culture, with indications of their native countries and some of their technologic uses . . . [Ann. Rep. Acclim. Soc. Victoria 1870-1871, 1871]. Oct.
Publ.: 1871, p. [1]-30. *Copy*: FI. – Reprinted and to be cited from Ann. Rep. Acclim. Soc. Victoria 1870-71: 29-58. 1871 (Churchill et al. 71. 13.01).

6406. *Select plants* (exclusive of timber trees) readily eligible for Victorian industrial culture, with indication of their native countries and some of their uses . . . [Melbourne 1872]. Oct. (*Select pl.*).
Ed. [1]: 1872 (p. 3: Apr 1872; Bot. Zeit. 27 Jun 1873), p. [1]-180. *Copies*: FI, NY, USDA; IDC 8072. – Published in Proc. Zool. Acclim. Soc. Victoria 1: 249-428. 1872. See Churchill et al. for preliminary papers.
Additions: 1874, 40 p., Melbourne, Proc. Zool. Acclim. Soc. Victoria 3: 47-95. 1874. – Reprint with independent pag. *Copies*: B, FI.
Second supplement: 1875, 27 p., Melbourne, ib. 4: 45-71. 1875. – Idem. *Copy*: B.
Third supplement: s.d. [1876?], p. [1]-20. *Copy*: FI. – Provenance not stated.
Ed. [2]: Dec 1876 (p. xii: Dec 1876; Flora 18 Mai 1871), p. [i]-vii, [1]-293. *Copies*: BR, FI, G, MO(2), NY, USDA. – *Select plants* readily eligible . . . uses . . . Melbourne (Printed for the Government of Victoria by M'Carron, Bird & Co., . . .) Oct.
Ed. [3]: *Indian ed.*: Jan-Jul 1880 (Bot. Zeit. 27 Aug 1880; Bot. Zeit. Nov 1880; Nat. Nov. Sep(1) 1880), p. [i]-ix, [1]-394. *Copies*: BR, G. – "*Select extra-tropical plants* readily eligible for industrial culture or naturalisation . . . Indian edition." Calcutta (Office of the Superintendent of Government Printing) Oct.
Ed. [4]: *New South Wales ed.*: 1881 (p. ix: Jun 1880), p. [i]-ix, [1]-403. *Copies*: FI, MO, NY, USDA. – "*Select extra-tropical plants* . . ." Sydney (Thomas Richards, . . .) 1881. Oct.
Ed. [5]: *American ed.*: 1884 (Bot. Gaz. Jun 1885), p. [i]-viii, [1]-449. *Copies*: FI, MICH, MO, NY, US. – "*Select extra-tropical plants*, . . ." Detroit, Mich. (George S. Davis) 1884. Oct.
Ed. [6]: *New Victorian edition*: 1885 (p. ix: Aug 1885), [i]-ix, [1]-466. *Copies*: BR, FI, NY. U. – "*Select extra-tropical* plants . . ." Melbourne (John Ferres, . . .) 1885. Oct.
Ed. 7: Aug-Oct 1888 (p. ix: Aug 1888; Nat. Nov. Dec(1) 1889; Bot. Zeit. 29 Nov 1889), p. [i]-ix, [1]-517. *Copies*: MICH, MO, NY, USDA. – "*Select extra-tropical plants* . . ." Melbourne (Robt. S. Brain, . . .) 1888. Oct.
Ed. 8: Aug 1891 (p. viii: Apr 1891, p. 595: Aug 1891; Nat. Nov. Dec(2) 1891; Bot. Zeit. 29 Jan 1892), p. [i*], [i]-viii, [1]-594, [595]. *Copies*: FI, NY, USDA. – "*Select extra-tropical plants* . . ." Melbourne (printed for the Government of Victoria by Chas. Troedel and Co., . . .) 1891. Oct.
Ed. 9: Aug-Nov 1895 (p. xi: Jul 1895; p. 655: Aug 1895; Nat. Nov. Feb(1) 1896), p. [i]-xi, [1]-654, [655]. *Copies*: FI, MO, USDA(2). – "*Select extra-tropical plants* . . ." Melbourne (by authority: Robt. S. Brain, . . .) 1895. Oct.
French ed.: 1887, p. [i-iii], portr., [1]-565, [566, cont.]. *Copy*: USDA. – "*Manuel de l'acclimateur* ou choix de plantes recommandées pour l'agriculture, l'industrie et la médecine et adaptée aux divers climats de l'Europe et des pays tropicaux par Charles [Victor] Naudin [1815-1899] . . . et le baron Ferd. von Müller . . . Se trouve à Paris (à la

Société d'acclimatation, . . . à la Librairie agricole, . . .) à Antibes (chez J. Marchand, . . .) 1887. Oct. (*Man. acclim.*).
German ed.: 1883, ix, 488 p. (n.v.) "Auswahl von aussertropischen Pflanzen, vorzüglich geeignet für industrielle Culturen und zur Naturalisation, . . . aus dem Englischen von E. Goeze." Cassel (Th. Fischer) 1883. – See Freyn, Bot. Centralbl. 15: 83-84. 1883 (16-20 Jul).

6407. *Contributions to the phytography of the New Hebrides* and Loyalty Islands, from Mr. F. A. Campbell's collections . . . [Geelong (George Mercer) 1873]. Oct. (*Contr. phytogr. New Hebrides*).
Publ.: 1873, p. [1]-30. *Copy*: FI. – Reprinted from F. A. Campbell, A year in the New Hebrides, Appendix (fide Churchill et al. 73.13.01).

6408. Geological survey of Victoria. *Observations on new vegetable fossils of the auriferous drifts.* Melbourne (by authority: John Ferres, Government printer), London (Trübner and Co., . . .) 1874. Oct. (*Observ. veg. foss.*).
Part [1]: Dec 1874, as above (p. 3: 1 Oct 1874), p. [1]-31, *pl. 1-10* (col. liths. by R. Shepherd), 2 maps. *Copies*: NY, PH, Teyler; IDC 8055.
Part 2: 1883 (rd BSbF 11 Jan 1884), [1]-23, *pl. 11-20* (col. liths. by R. Shepherd). *Copies*: G, PH, Teyler; IDC 8055.
Part [1] was originally issued in parts, which were appendices to the Quarterly Reports of the Mining Surveyors and Registrars of the Colony of Victoria, published in Victoria parliamentary papers, – notes and proceedings of the Legislative Assembly 1871 (2, no. 26), 18 Mai 1871-1874 (3, no. 84). 3 Dec 1874, see Churchill et al. nos. 71.05.02; 71.08.01; 71.11.01; 74.05.01; 74.12.01. – The contents of the second part (1883, published as a whole) are partly reproduced in Just's Bot. Jahresber. 10(2): 200.

6409. *Descriptive notes on Papuan plants,* . . . Melbourne (By authority: George Skinner, . . .) 1875[-1890], 9 parts and appendix. Oct. (*Descr. notes Papuan Pl.*).
1: Nov 1875 (p. 4: Nov 1875; J. Bot. Apr 1876), p. [1]-16.
2: 7 Apr 1876 (see Churchill et al.; p. 19: 7 Apr 1876; J. Bot. Aug 1876; Flora Sep 1876), p. [17]-34.
3: 30 Jun 1876 (id.; p. [35]: 30 Jun 1876), p. [35]-50.
4: Dec 1876 (id.; p. 52: Dec 1876; J. Bot. Apr 1877; Flora 1 Mai 1877), p. [51]-82.
5: Feb 1877 (id.; p. 81: Feb 1877; J. Bot. Jul 1877; Bot. Zeit. 27 Jul 1877), p. [83]-94.
6: Jun 1885 (id.; p. 3: Jun 1885), p. [1]-24.
7: Feb 1886 (id.; p. [25]: Feb 1886; Bot. Jahrb. 2 Nov 1886), p. [25]-38.
8: Mar 1886 (id.; p. 40: Mar 1886; Bot. Jahrb. 2 Nov 1886), p. [39]-52.
9: Mai 1890 (id.; p. 54: Mai 1890; Bot. Zeit. 29 Aug 1890), p. [53]-70.
Appendix: 1877 (J. Bot. Nov 1877; pagination runs on from part 5!), p. [95]-102, addition p. 103-108, index p. 109-119.
Copies: G, MO, NY, USDA; IDC 8049.
Facsimile ed.: 1979, ISBN 90-70153-11-4, [ii] p. followed by facsimile as above and p. [1]-8, index to parts 6-9. *Copy*: FAS. – Leiden (Boerhaave Press [P.O. Box 1051, Leiden]) 1979.

6410. *The natural capabilities of the colony of Victoria,* considered in reference to indigenous or introduced vegetation . . . Melbourne (M'Carron, Bird & Co., . . .) 1875. Oct. (*Nat. capab. Victoria*).
Publ.: 1875, p. [1]-19. *Copy*: FI. – Also published (fide Churchill et al. 75.13.09) *in* Official Record . . . on the Social and economic resources of the Colony of Victoria, Melbourne 1875.

6411. *Contributions to the phytography of Tasmania,* . . . Hobart Town (printed at the "Mercury" Steam press office) 1876. Oct. (*Contr. phytogr. Tasmania*).
Publ.: 1876 (t.p. preprint so dated), p. [1]-15. *Copy*: FI. – Preprinted from Pap. Proc. R. Soc. Tasmania 1876: 29-42. 1877 (date of journal publ. fide Churchill et al. 77.13.09).

6412. *Introduction to botany* teachings at the schools of Victoria, through references to leading native plants; . . . Melbourne (by authority: John Ferres, . . .) 1877. Oct. (*Intr. bot.*).
Publ.: 1877 (p. 6: Mar 1877), p. [1]-152. *Copy*: BR.

6413. *The native plants of Victoria,* succinctly defined ... Part I. Melbourne (John Ferres, Government Printer) 1879. Oct. † (*Nat. pl. Victoria*).
Part 1: Jan-Jul 1879 (J. Bot. Sep 1879; Nat. Nov. Sep(2) 1879; Bot. Zeit. 5 Dec 1879; Flora rd. Sep-Nov 1879), p. [i]-xv, [1]-190. *Copies*: BR, L, MO, USDA; IDC 6466.
Ref.: Trimen, H., J. Bot. 17: 317-318. Oct 1879.
Kurtz, F., Bot. Zeit. 38: 554-555. 6 Aug 1880.

6414. *Eucalyptographia.* A descriptive atlas of the Eucalypts of Australia and the adjoining islands; ... Melbourne (John Ferres, Government Printer. Published also by George Robertson). London (Trübner and Co., George Robertson) 1879-1884, 10 decades. Qu. (*Eucalyptographia*).

Decas	pages	*plates* (with text)	date cover	date of earliest receipt in Europe
1	[1]-6	*11*	1879	p. 6: Easter 1879; J. Bot. Nov 1879
2	[i]	*11*	1879	J. Bot. Nov 1879
3	[i]	*11*	1879	J. Bot. Feb 1880
4	[i]	*11*	1879	J. Bot. Feb 1880
5	[i]	*11*	1880	Bot.-Centralbl. 5-9 Apr 1880
6	[i]	*11*	1880	Bot. Centralbl. 16-20 Aug 1880
7	[i]	*11*	1880	J. Bot. Mar 1881
8	[i]	*11*	1880	Bot. Centralbl. 29 Mai-2 Jun 1882
9	[i]	*11*	1883	Bot. Centralbl. 30 Jun-4 Jul 1884
10	[i],[1-23] [i-xxvii]	*11*	1884	Nat. Nov. Feb(2) 1885.

Copies: FI, L, NY, US, USDA.
Ref.; Trimen H. J., J. Bot. 17: 379-380. Dec 1879 (1, 2).

6415. *Report on the forest resources of Western Australia* ... London (L. Reeve & Co., ...) 1879. Qu. (*Rep. forest W. Australia*).
Publ.: 1879 (Nat. Nov. Dec(2) 1879; Bot. Zeit. 13 Aug 1880), p. [i-viii], [1]-30, *pl. 1-20* (by R. Austen; uncol. liths.). *Copies*: FI, USDA.

6416. *Suggestions on the maintenance,* creation and enrichment *of forests* as applicable to the particular requirements of the colony of Victoria ... Melbourne (Stillwell & Co., ...) 1879. (*Sugg. mainten. forests*).
Publ.: 1879, p. [1]-31. *Copy*: FI. – Reprinted from R. W. E. MacIvor, The Chemistry of agriculture, appendix, p. 245-275. 1879 (Churchill et al. 79.13.06. Prepublication of extracts: see no. 79.07.05; for MacIvor see 79.13.13).

6417. *Census of the plants of Tasmania,* instituted in 1879. [1880]. Oct.
Publ.: 1880, p. [1]-32. *Copy*: G. – Independent issue of the Appendix (p. [1]-32) to the Papers Proc. R. Soc. Tasmania 1879 (publ. 1880). Churchill et al. 79.13.07 (independent issue; no reason to suppose that it came out in 1879), 80.13.10.

6418. *Index perfectus ad Caroli Linnaei Species plantarum,* nempe earum primam editionem (anno 1753). Collatore Ferdinando de Mueller. Melbourne (M'Carron, Bird & Soch impresserunt) 1880. Qu. (*Index Sp. pl.*).
Publ.: Jan-Mai 1880 (Bot. Centralbl. 3-7 Mai 1880; J. Bot. Jul 1880; Nat. Nov. Jul(2) 1880; Bot. Zeit. 9 Jul 1880), p. [i-iv], [1]-40. *Copies*: FI, PH, US.
Ref.: Dr., Bot. Zeit. 38: 677-678. 1 Oct 1880.
Churchill, D. M. et al., 1978, no. 80.13.04.

6419. *Plants of North-Western Australia* enumerated by Baron Ferdinand von Mueller, ... Perth (by authority: Richard Pether, government printer) 1881. Fol. (*Pl. N.W. Australia*).
Publ.: 21 Mar 1881 (Churchill et al.; p. 5: Dec 1887; Nat. Nov. Jul(1) 1881; Fora 11 Aug

1881; Bot. Zeit. 30 Sep 1881), p. [1]-19. *Copies*: FI, G, MO, NY(2), USDA. – *In*: W. Australia, Votes Proc. Legisl. Council 1881(1).
Ref.: Anon., Bot. Gaz. 6: 267. Sep 1881 (rev.).

6420. *Definition of a new tree from East Australia* [Chemist & Druggist Australas. Nov 1881].
Publ.: 15 Nov 1881, 1 p. *Copy*: G. – "Extra print" on a single sheet from Chem. Drugg. [Australas.] suppl. 4: 53. 15 Nov 1881. To be cited from journal. – Churchill et al. 81.11.02.
Republication: Z. Allg. Österr. Apoth.-Ver. 20(7): 106-108. 1 Mar 1882. – Churchill et al. 82.03.03.

6421. *Definitions of some new Australian plants* [Chemist and Druggist] January, 1882.
Publ.: 15 Jan 1882, 1 p. *Copy*: G. – "Extra-print" on a single sheet taken from Chem. Drugg. [Australas.] Suppl. 4: 68-69. 15 Jan 1882. To be cited from journal.

6422. *A new palm from Queensland, ...* (Extra print from Melbourne "Chemist and Druggist") February, 1882.
Publ.: 15 Feb 1882, 1 p. *Copy*: FI. – Reprinted from Chem. & Drugg. Australas. suppl. 4: 77. 15 Feb 1882 (Churchill et al. 82.02.01).
German transl.: Z. Allg. Österr. Apoth.-Ver. 20(14): 189-190. 10 Mai 1882.

6423. *Definitions of some new Australian plants, ...* (from Wing's Southern Science Record) February 1882.
Publ.: Feb 1882, p. [1-2]. *Copy*: FI. – Reprinted from S. Sci. Rec. 2: 55-56. 1882 (Churchill et al., 82.03.02. date this as of March; the reprint has February). Contains the publication of *Hicksbeachia* F. v. Mueller, ING 2: 820, not seen by the compilers of ING, Proteaceae.

6424. *Notes on some Leguminous plants* (Extra print from the Melbourne "Chemist and Druggist") June 1882.
Publ.: 15 Jun 1882, single sheet. *Copy*: G. – "Extra print" taken from Chem. Drugg. [Australas.] suppl. 5: 12-13. 15 Jun 1882.

6425. Ingenio effodere opes. The school of mines and industries. Ballaarat. *A lecture on the flora of Australia*: delivered in the lecture room of the school by ... on Wednesday, 13th September, 1882, ... Ballaarat (printed by F. W. Niven & Co., ...) 1882. Oct. (*Lect. fl. Australia*).
Publ.: Sep-Dec 1882, p. [1]-31. *Copy*: USDA.

6426. *Census of the genera of plants hitherto known as* indigenous to Australia [J. Roy. Soc. N.S.W. 1881] 1882. Oct.
Publ.: 1882 (Bot. Zeit. 28 Apr 1882; Nat. Nov. Sep(2) 1882; Bot. Zeit 27 Oct 1882, J. Bot. Mai 1882. Bot. Centralbl. 28 Aug-1 Sep 1882), published *in* J. Roy. Soc. N.S.W. 15: 185-300. 1881 publ. 1882; 17: 187-189. 1884. – A partial reprint with independent pagination, [1]-86, is at FI. We saw no copy of the complete paper with independent pagination. See Churchill et al. 82.13.08, 82.13.13, 83.13.08, 84.13.08, 84.13.14.

6427. *Systematic census of Australian plants*, with chronologic, literary and geographic annotations; ... part i. Vasculares ... Melbourne (printed for the Victorian Government by M'Carron, Bird & Co., ...) 1882. Qu. (*Syst. census Austral. pl.*).
Orig.: late 1882 or early 1883 (BSbF 27 Apr 1883; Bot. Centralbl. 30 Apr - 4 Mai 1883; J. Bot. Jun 1883; Nat. Nov. Aug(1) 1883; Flora Apr-Mai 1884; Bot. Zeit. 29 Jun 1883, 21 Sep 1883), p. [i]-viii, [1]-152. *Copies*: FI, L(2), MO, NY, US, USDA.
Additions to the census: ... see Churchill et al. 83.13.08, 84.13.08, 84.13.14.
Second annual supplement (for 1884): 1885 (Bot. Centralbl. 6-10 Apr 1885), p. [1]-4. *Copy*: MO. – Melbourne (by authority: John Ferres, ...) 1885. Churchill et al. no. 85.13.09.
Third annual supplement (for 1885): 1886 (Bot. Centralbl. 23-27 Aug 1886); Churchill et al. no. 86.13.09.
Fourth annual supplement (for 1886, 1887 and 1888): 1889, p. [1]-8; Churchill et al. no. 89.13.13.
Second systematic census ... part 1. Vasculares ...: 1889 (Österr. bot. Z. Lit. Apr 1890; Flora 5

Jul 1890; Bot. Gaz. Jul 1890; Bot. Zeit. 29 Aug 1890 "in Erscheinen begriffen"; Flora 20 Dec 1889), p. [i, iii], [1]-244. *Copies*: FI, L, U, US(2), USDA. – Melbourne (printed for the Victorian government by McCarron, Bird & Co.).
Ref.: Greene, E. L., Pittonia 2: 210-213. 28 Sep 1891.

6428. *The plants indigenous around Sharks Bay* and its vicinity, chiefly from collections of the honorable John Forrest, ... Perth (by authority: Richard Pether) 1883. Qu. (*Pl. Sharks Bay*).
Publ.: 6 Aug 1883 (Churchill et al. 83.08.01; Nat. Nov. Feb(1) 1884; Bot. Zeit. 28 Mar 1884; Flora 67: 48. 21 Jan 1884), p. [1]-24. *Copies*: FI, MO, NY, USDA; IDC 6467. – Western Australia, Votes Proc. Legisl. Council 1883(2), no. 26.
Ref.: Koehne, E., Bot. Zeit. 42: 202-204. 28 Mar 1884.

6429. *Brief remarks on nomenclature in biomorphic science* ... [Australas. Chem. & Drugg. 6] 1884.
Publ.: 15 Mar 1884, 1 p. *Copy*: FI. – Reprinted from Australas Chem. & Drugg. 6: 88. 15 Mar 1884.

6430. *Key to the system of Victorian plants* ... Melbourne (vol. 1: Robt. S. Brain, Government Printer; vol. 2: John Ferres, id.) 1885-1888, 2 vols. Oct. (*Key Vict. pl.*).
Vol. 1: Oct-Dec 1888 (p. xiii: Oct 1888; Bot. Centralbl. 8 Jan 1889; USDA rd. 16 Apr 1889; Flora 20 Jul 1889; Nat. Nov. Mai(2) 1889, Dec (1) 1889; Bot. Zeit. 29 Nov 1887); p. [i]-xii, [1]-559, map.
Vol. 2: 1885 (t.p.: 1885; Churchill et al. have "1886"; Bot. Centralbl. 10 Sep 1889, Flora 20 Dec 1889), p. [1]-60, *pl. 1-2, 3A, 3B, 4-6, 7A, Bb, 8-17, 18A, 18B, 19-21, 22A, 22B, 23A, 23B, 24A, 24B, 25A, 25B, 26A, 26B, 27, 28A, 28B, 29, 30A, 30B, 31A, 31B, 32-36, 37A, 37B, 38, 39A, 39B, 40A, 40B, 41A, 41B, 42-44, 45A, 45B, 46A, 46B, 47A, 47B, 48-51, 52A, 52B, 53-54, 55A, 55B, 56-58, 59A, 59B, 60-61, 62A, 62B, 63A, 63B, 64-66, 67A, 67B, 68A, 68B, 69-71, 72A, 72B, 73A, 73B 74-75, 76A, 76B, 77, 78A, 78B, 79, 80A, 80B, 81, 82A, 82B, 83A, 83B, 84, 85A, 85B, 86A, 86B, 87A, 87B, 88, 89, 90A, 90B, 91-94, 95A, 95B, 96A, 96B, 97A, 97B, 98A, 98B, 99A, 99B, 100A, 100B, 101A, 101B, 102A, 102B, 103A, 103B, 104A, 104B, 105A, 105B, 106-107, 108A, 108B, 109A, 109B, 110-112, 113A, 113B, 114A, 114B, 115A, 115B, 116A, 116B, 117, 118A, 118B, 119-123, 124A, 124B, 125, 126A, 126B, 127A, 127B, 128A, 128B, 129-152*, uncol. liths.
Copies: FI, L, MO, NY, USDA; IDC 8063.

6431. *Description and illustration of the Myoporinous plants of Australia* ... II. Lithograms. Melbourne (John Ferres, Government printer, ...) 1886. Qu. (*Descr. Myopor. pl. Australia*).
Publ.: Mai-Dec 1886 (p. [vi]: Mai 1886; Nat. Nov. Mar(1) 1887; Bot. Zeit. 24 Jun 1887), frontisp., p. [i-x], *pl. 1-72* with text, suppl. *pl. 1-2* (by R. Graff). *Copies*: FI, L, MO, NY, US, USDA.
Text: F. Kränzlin, *in* Fedde, Beih. Rep. Spec. nov. regn. Veg. 54. 1929.

6432. *Iconography of Australian species of Acacia* and cognate genera, ... Melbourne (dec. 1-4: John Ferres, government printer; dec. 5-13: Robt. S. Brain, id.) 1887-1888, 13 decades. Qu. (*Iconogr. Austral. Acacia*).

Decas	pages	*plates* with text (1 p./pl.)	t.p. date	earliest receipt in Europa/US
1	[i-iv]	*10*	1887	Nat. Nov. Jun(1) 1887
2	[i]	*10*	1887	Nat.Nov. Jun(2) 1887
3	[i]	*10*	1887	Nat.Nov. Jun(2) 1887
4	[i]	*10*	1887	Nat.Nov. Sep(2) 1887
5	[i]	*10*	1887	L.C. rd. 31 Jan 1888
6	[i]	*10*	1887	L.C. 31 Jan 1888
7	[i]	*10*	1887	L.C. 31 Jan 1888
8	[i]	*10*	1887	L.C. 31 Jan 1888
9	[i]	*10*	1888	Flora 21 Mar 1888
10	[i]	*10*	1888	L.C. 6 Oct 1888

Decas	pages	*plates* with text (1 p./pl.)	t.p. date	earliest receipt in Europa/US
11	[i]	*10*	1888	L.C. 6 Oct 1888
12	[i]	*10*	1888	Nat.Nov. Feb(2) 1889
13	[i],[1-10]	*10*	1888	L.C. 5 Mar 1889

Copies: FI, L, MO, NY, US, (LC copy), USDA; IDC 7492.

6433. *Iconography of Australian salsolaceous plants.* Melbourne (Robert S. Brain, government printer) 1889-1891, 9 decades. Qu. (*Iconogr. Austral. salsolac. pl.*).

Decas	pages	*plates* with text (1 p./pl.)	dates t.p.'s	earliest receipt Europe/US
1	[i-v]	*1-10*	1889	Nat.Nov. Mai(1) 1891
2	[i]	*11-20*	1889	J. Bot. Jun 1891
3	[i]	*21-30*	1890	J. Bot. Jun 1891
4	[i]	*31-40*	1890	J. Bot. Jun 1891
5	[i]	*41-50*	1890	J. Bot. Jun 1891
6	[i]	*51-60*	1890	J. Bot. Jun 1891
7	[i]	*61-70*	1891	L.C. 30 Oct(1) 1891
8	[i]	*71-80*	1891	L.C. 4 Mar 1892
9	[i]	*81-90*	1891	L.C. 23 Jun 1892

Copies: FI, L, MO, NY, US, USDA; IDC 8056. – *Plates*: uncolored lithographs by R. Graff. – *Preface date* [v]: Oct 1889.

6434. *Iconography of candolleaceous plants* ... First decade. Melbourne (Robt. S. Brain, government printer) 1892. Qu. (*Iconogr. candolleac. pl.*).
Publ.: 1 decade, 1892 (Nat. Nov. Aug(2) 1893), p. [i], *pl.* [*1-10*] with text (uncol. liths. by R. Graff). *Copies*: L, MO, NY, USDA; IDC 8058.

Müller, Franz August ["Friedrich"] (1798-1871), German pharmacist and plant collector; travelled for the Württembergische Reiseverein (Esslingen) in Algeria, Austro-Hungary and Sardinia (1826-1828); ultimately from 1831-1867 pharmacist at Schneeberg (Erzgebirge) in Sachsen. (*F. A. Müll.*).

HERBARIUM and TYPES: DR; see IH for various sets of plants, especially from Sardinia (coll. 1827-1828). *Exsiccatae* (under "Friedrich Müller"): *Kryptogamen Sachsens und der angränzenden Gegenden,* cent. 1-11, 1830-1831; sets at DR, GLM.

NAME: Grummann cites archival research by F. A. Meyer (Jena) which shows that the official tenant of the Schneeberg apothecary was baptized Franz August Müller (b. 2 Dec 1798; not 29 Nov 1799) and not Friedrich. There having been no other official pharmacist Müller at Schneeberg, Grummann accepts the identity of "Friedrich Müller" with Franz August. The collector Friedrich or "Fréd." Müller, in Mexico 1853-1854, was another person (see e.g. Sayre, Mem. New York Bot. Gard. 19(3): 373. 1975); Fritz Mueller, von Blumenau (1822-1897) was a zoologist and flower biologist (see below, J. F. T. Müller); Friedrich Müller (1852-1925) was a bryologist, collector, and high school teacher at Oberstein-Idar.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 194, 6(2): 749, 7: 171 (err. born 1799); Barnhart 2: 524 (b. 1799); BFM 3310; Clokie p. 216; CSP 4: 516; DTS 5: xix; GR p. 115-116; IH 2: 568; Saccardo 1: 115, 2: 76; TL-2/1: 869; Urban-Berl. p. 267, 308 (Franz), 309 (Friedrich).
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Müller, Fritz [**Johann Friedrich Theodor**] (1822-1897), German zoologist and flower biologist; studied at Berlin and Greifswald; Dr. phil. Berlin 1844; studied medicine at Greifswald 1845-1848; to Brazil 1852 as farmer and physician in the primeval forest of Santa Catharina (Rio Garcia); from 1856-1857 high school teacher at Desterro; from 1867-1897 at Blumenau as private scientist and (1867-1891) "naturalista viajante" for the Brazilian government. (*Fritz Müll.*).

HERBARIUM and TYPES: Material at B, G, K, NY.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 508; Barnhart 2: 525; BJI 1: 41; CSP 4: 516-517, 8: 461, 10: 879-880, 12: 524, 17: 401; Herder p. 235; Hortus 3: 1200 (Fritz Müll.); IH 2: 569; LS 2: 18434-18435; Moebius p. 333, 360, 366; Morren ed. 10, p. 140; Rehder 5: 596, 598.
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EPONYMY: *Muelleramra* O. Kuntze (1891).

Müller, Heinrich Ludwig Hermann ["Hermann Müller von Lippstadt"] (1829-1883), German bryologist, pollination biologist; studied at Erfurt and Berlin, examen pro fac. doc. Berlin 1852; from 1855-1883 high school teacher at Lippstadt; brother of Fritz Müller. (*H. Müll.*).

HERBARIUM and TYPES: MSTR; further material at B, E, FH (1000), KIEL, L, MANCH, PC. Exsiccatae: *Westfalens Laubmoose* fasc. 1-7, nos. 1-420, 421-450, 1863-1867, sets at B,

FH, FR, K, L, M, NY, PC, WRSL. (See Sayre 1971). Issued also *Musci europaei exsiccati*, geordnet nach Lorentz (probably an irregular set; see e.g. Bot. Zeit. 41: 136. 1883).

BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 507-508; Barnhart 2: 524; BJI 1: 41; BM 3: 1368 Bossert p. 277; CSP 4: 518, 8: 462, 12: 524, 17: 404; DTS 1: 201; Frank 3(Anh.): 69; IH 2: 569; Jackson p. 95, 99, 154, 487, 492; Moebius p. 345, 358, 360, 361; NAF ser. 2. 3: 40; NI 1425na; PR 6517; Rehder 5: 598; SBC p. 127 ("H. Müll."); Tucker 1: 505; Urban-Berl. p. 309, 377.

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EPONYMY: *Lippomuellera* O. Kuntze (1891).

6435. *Beitrag zur Flora von Lippstadt* ... Lippstadt (Gedruckt von Blassman & Feige) 1858. Qu. (*Beitr. Fl. Lippstadt*).

Publ.: 1858, p. [1]-32. *Copy*: B-S. – Beilage zum vierten Jahresberichte der Realschule zu Lippstadt.

6436. *Die Befruchtung der Blumen durch Insekten* und die gegenseitigen Anpassungen beider. Ein Beitrag zur Erkenntniss des ursächlichen Zusammenhanges in der organischen Natur ... Leipzig (Verlag von Wilhelm Engelmann) 1873. Oct. (*Befrucht. Bl.*).

Publ.: Jan-Apr 1873 (p. vi: Nov 1872; Bot. Zeit. 25 Apr 1873; J. Bot. Mai 1873), p. [i]-viii, [1]-478, [1, err.]. *Copies*: FI, MO, NY.

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Note: See also P. E. O. W. Knuth (1854-1899), *Handbuch der Blüthenbiologie* unter Zugrundelegung von Hermann Müller's Werk "Die Befruchtung ..." Leipzig, Wilhelm Engelmann, 1 and 2(1), 1898; 2(2), 1899; 3(1), 1904; 3(2), 1905. Müller's work formed the basis of Knuth's major treatise.

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Publ.: Nov-Dec 1880 (t.p. 1881; Bot. Zeit. 26 Nov 1880; Nat. Nov. Dec(1) 1880; Bot. Gaz. 1881; Psyche Jan 1881; J. Bot. Jan 1881), p. [i]-iv, [1]-611, [612, err.]. *Copies:* B, FI, G, MICH, MO, NY.
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Müller, (Thurgau), Herman (1850-1927), Swiss botanist; director of the plant-physiological experiment station of the Kgl. Anstalt für Obst- und Weinbau, Geisenheim; involved in the improvement and phytopathology of grape cultivars; from 1891 director of the Versuchsstation und Schule für Obst-, Wein- und Gartenbau at Wädenswyl nr Zürich. (*H. Müll.-Thurg.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 526 (b. 21 Oct 1850, d. 18 Jan 1927); Herder p. 432; Lenley p. 301; Morren ed. 10, p. 12.
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6438. *Die Sporenvorkeime und Zweigvorkeime der Laubmoose.* Inaugural-Dissertation der philosophischen Facultät der Julius-Maximilians-Universität zu Würzburg zur Erlangung der Doctorwürde vorgelegt am 19. Februar 1874 von Hermann Müller (Thurgau) aus Tägerweilen (Schweiz). Leipzig (Verlag von Wilhelm Engelmann) 1874. Oct. (*Sporenvorkeime Laubm.*).
Publ.: 19 Feb 1874, p. [i-ii], [1]-25. *Copy*: G. – Arb. bot. Inst. Würzburg Heft 4.

Mueller [called] **Argoviensis** [of Aargau], **Johannes** [Jean] (1828-1896), Swiss botanist; studied at Zürich (Dr. phil., 1857); curator of the Candolle herbarium 1851-1869, of the Delessert herbarium (at Genève) 1869-1896; director of the Genève botanic garden 1870-1874; professor of botany 1871-1889. (*Müll. Arg.*).

HERBARIUM and TYPES: Mueller's lichenological herbarium, library and manuscripts are at G. The Swiss phanerogam herbarium is at Z. For further sets of Mueller lichen specimens see IH; a particularly important set is at PC. – *Exsiccatae*: (1) *Graphideae cubenses* a Cl C. Wright lectae et Cl. W. Nylander determinatae, distr. by J. M., 1884 (± 350 nos.) [Charles Wright (1811-1885), collector in Cuba 1856-1858], set at FH; for details see Sayre (1969). (2) Hepp, *Die Flechten Europas*, vols. 13-16 (see Hepp).

NAME: Since Mueller worked at a time in which various other Müller's were active, Martius proposed to him to adopt the epithet "argoviensis" referring to the canton of his birth, Aargau (Argovie).

BIBLIOGRAPHY and BIOGRAPHY: AG 12(2): 203; Backer p. 382, 383; Barnhart 2: 524; BJI 1: 41-42; BM 3: 1368-1369, 7: 877; Bossert p. 277; CSP 4: 521, 8: 463-464, 10: 878-879, 12: 524, 17: 404-405; DTS 1: 202; Frank 3(Anh.): 68; GR p. 633, *pl.* [*21*], cat. p. 68; Hawksworth p. 184; Herder p. 467; Hortus 3: 1200 ("Müll. Arg."); IH 1 (ed. 6): 362, 2: 569; Jackson p. 142, 160, 372, 109; Kew 4: 80; Kelly p. 155-156; Krempelh. 2: 452-469; Langman p. 529; Lenley p. 464; LS 18440-18562; Morren ed. 10, p. 110; MW p. 338; PR 6518; Rehder 5: 599; SBC p. 127 ("Müll.Arg."); SK 4: cxvi (portr.); Stevenson p. 1252; TL-2/ 999, 1592, 1705, 2390, 2867, see Balansa, B.; TR 938-939; Urban-Berl. p. 289, 307, 377; Zander ed. 10, p. 695, ed. 11, p. 792-793.
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(2) Candolle, *Prodr.*, *Euphorbiaceae*, 15(2): 189-1286. late Aug 1866; *Daphniphyllaceae*, 16(1): 1-6. med. Nov 1869; *Buxaceae*, 16(1): 7-23. med. Nov 1869; *Resedaceae*, 16(2): 548-589, 685. med. Jul 1868.
(3) Engler, *Forschungsr. Gazelle*, 1889, *Flechten*, see no. 1705.
(4) Engler, Ostafrika 5, *Pflanzenwelt* C, 1895, *Ascolichenes* p. 36-46.
(5) Bailey Balfour, *Botany of Socotra*, *Ascomycetes*, p. 343-392. 1887 (Trans. Roy. Soc. Edinburgh 31: 343-392. 1887).
(6) Warming, E., *Symb. bras.*, (13) *Apocynaceae*, p. [1]-19 (98-116), *publ.* 1870.
(7) Compiled *Graphideae cubenses* a cl. C. Wright lectae et a cl. W. Nylander determinatae, 1884, 1 p., broadsheet, *Copies* G, NY; see W. Nylander, Flora 69: 103-104. 1886 and J. Müller arg., Bull. Herb. Borssier 2:725. 1894.

HANDWRITING: Rec. Auckland Inst. Mus. 12: 105. 1975.

EPONYMY: *Argomuellera* F. Pax (1894); *Muellerargia* Cogniaux (1881); *Muellerella* Hepp (1862); *Muellerellomyces* Ciferri & Tomaselli (1953); *Neomuellera* Briquet (1894).

6439. *Monographie de la famille des Résédacées* . . . accompagné de dix planches lithographiées. Ouvrage couronné par le prix quinquennal fondé par M. Pyr. de Candolle. Zürich (Imprimerie de Zurcher et Furrer) 1857. Qu. (*Monogr. Résédac.*).

Publ.: Feb-Apr 1857 (p. 4: Jan 1857; t.p.; BSbF rd. by 12 Feb 1858; Flora rd. 7 Apr-28 Mai 1858; Bot. Zeit. rev. 30 Apr 1858), p. [i], [1]-239, *pl. 1-10* (uncol. liths. by author). *Copies*: BR, M, MO, NY, U, US. – Preprinted from Neue Denkschr. allg. Schweiz. Ges. 16: 1-239, *pl. 1-10*. 1858. Doctor's dissertation; prix de Candolle.
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6440. *Principes de classification des lichens* et enumération des lichens des environs de Genève accompagnée de trois planches analytiques ... Genève (Imprimerie de Jules-Guillaume Fick) 1862. Qu. (*Princ. classif. lich.*).
Publ.: 1862 (Flora rd. Nov 1862), p. [1]-95, *pl. 1-3* (uncol. liths.). *Copies*: FH, G, MO, NY, Stevenson. – Reprinted from Mém. Soc. Phys. Hist. nat. Genève 16(2): 343-435, *pl. 1-3*. 1862.
Ref.: Anon., Flora 45: 528, 577-582. 1862.

6441. *Fünf neue Flechten* ... von Dr. J. Müller [Regensburg 1868]. Oct.
Publ.: 30 Sep 1868, p. [1]-3. *Copies*: (none seen except in facs.). – Flora 51: 369-371. 30 Sep 1868, reprint with independent pagination; Ges. lich. Schr. 2: 1-3. 1967. To be cited from journal.

6442. *Euphorbiacearum species novae* s.l.n.d. [Regensburg 1872]. Oct.
Publ.: Jan 1872, p. [1]-19. *Copy*: G. – Reprinted from Flora: 55: 2-11. 1 Jan 1872, 24-28. 11 Jan 1872, 41-45. 21 Jan 1872. To be cited from journal.

6443. *Lichenologische Beiträge*. Regensburg and Bonn, 35 parts, 1874-1891.
Publ.: In *Flora*, 35 parts. The entries are separately numbered 1-1669; the index by Hue (1899, also reprinted in facsimile edition) refers to these entry-numbers.

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16[a]	65(32)	[499]-505	8-14	518-534	11 Nov 1882
16[b]	65(33)	[515]-519	14-18	535-548	21 Nov 1882
17	66(2)	[17]-25	[1]-9	549-567	11 Jan 1883
17[a]	66(3)	45-48	9-12	568-576	21 Jan 1883

Part	Flora vol./no.	pages journal	reprints	nos.	dates
17[b]	66(5)	75-80	12-17	577-589	11 Feb 1883
18	66(16)	[243]-249	[1]-7	590-602	1 Jun 1883
18[a]	66(17)	271-274	7-10	603-611	11 Jun 1883
18[b]	66(18)	286-290	10-14	612-625	21 Jun 1883
18[c]	66(19)	304-306	14-16	626-631	1 Jul 1883
18[d]	66(20)	317-322	17-22	632-646	11 Jul 1883
18[e]	66(21)	330-338	22-30	647-670	21 Jul 1883
18[f]	66(22)	344-354	30-40	671-704	1 Aug 1883
19	67(14)	268-274	[1]-7	705-718	11 Mai 1884
19[a]	67(15)	283-289	7-13	719-733	21 Mai 1884
19[b]	67(16)	299-306	13-20	734-745	1 Jun 1884
19[c]	67(18)	349-354	20-25	746-761	21 Jun 1884
19[d]	67(21)	396-402	25-31	762-777	21 Jul 1884
19[e]	67(24)	460-468	31-39	778-802	21 Aug 1884
20	67(32)	613-621	[1]-9	803-818	11 Nov 1884
21	68(12)	247-261	[1]-15	819-872	21 Apr 1885
21[a]	68(16)	324-326	15-17	873-881	1 Jun 1885
21[b]	68(17)	331-342	17-29	882-919	11 Jun 1885
21[c]	68(18)	[343]-356	29-42	920-925	21 Jun 1885
22	68(27)	499-502	[1]-4	925[bis]-936	21 Sep 1885
22[a]	68(28)	503-518	4-19	937-984	1 Oct 1885
22[b]	68(29)	528-533	19-24	985-988	11 Oct 1885
23	69(8)	124-128	[1]-4	989-1000	11 Mar 1886
24	69(16)	252-258	[1]-7	1001-1020	1 Jun 1886
24[a]	69(18)	286-290	7-10	1021-1028	21 Jun 1886
24[b]	69(20)	307-318	10-21	1029-1060	11 Jul 1886
25	70(4)	56-64	[1]-8	1061-1090	1 Feb 1887
			[repr. of p. 64 is lacking]		
25[a]	70(5)	74-80	9-14	1091-1109	11 Feb 1997
26	70(17)	268-273	[1]-6	1110-1126	11 Jun 1887
26[a]	70(18)	283-288	6-11	1127-1141	21 Jun 1887
26[b]	70(20)	316-322	11-17	1142-1163	11 Jul 1887
26[c]	70(21)	336-338	17-20	1164-1172	21 Jul 1887
26[d]	70(25)	396-402	20-26	1173-1191	1 Sep 1887
26[e]	70(26,27)	423-429	26-32	1192-1214	11 + 21 Sep 1887
27	71(2)	[17]-25	[1]-9	1215-1252	11 Jan 1888
27[a]	71(3)	44-48	9-13	1253-1268	21 Jan 1888
28	71(9)	[129]-142	[1]-14	1269-1321	21 Mar 1888
29	71(13)	[195]-208	[1]-14	1322-1379	1 Mai 1888
30	71(34-36)	528-552	[1]-25	1380-1471	Dec 1888
31	72(2)	142-147	[142]-147	1472-1493	15 Mai 1889
32	72(5)	505-508	505-508	1494-1507	20 Dec 1889
33	73(2)	187-202	[187]-202	1508-1579	22 Apr 1890
34	74(1)	107-113	[107]-113	1580-1606	16 Jan 1891
35	74(3)	371-382	371-382	1607-1669	29 Jun 1891

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Mueller, Jean Baptiste [Baptista] (1806-1894), German pharmacist and botanist at Mesebach, Emmerich and Berlin (*J. B. Müll.*).

HERBARIUM and TYPES: Unknown.

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Müller, Johannes (1861-1920), German botanist, born at Aurich, Ostfriesland; Dr. phil. Berlin 1893. (*Joh. Müll.*).

HERBARIUM and TYPES: Unknown.

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Mueller, Johann Sebastian (1715-1780), German botanical artist who settled in London (1744) and afterwards called himself John Miller. (*J. S. Muell.*).

COLLECTION: Mueller was a draughtsman and engraver and is not known to have made herbarium specimens. Some of his drawings are at BM; other at Windsor Castle.

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Sprague, T. A., J. Bot. 74: 208-209. 1936 (on *Icones novae*).
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Zittel, K. A. v., Hist. geol. palaeontol. 130, 392, 393, 405, 537. 1901.

6482. *Illustratio systematis sexualis Linnaei.* London [1770-] 1777. Fol. (*Ill. syst. sex. Linnaei*).
Publ.: in 20 parts, 1770-1777. We saw only the copy at NY which has an engraved title-page with the title "Systema sexuale generum plantarum" with 108 plates (all but 50th *pl.* in handcol. & uncol. versions; the uncol. with details indicated). – The plates (engraved, all by Müller himself) bear dates ranging from 1770-1777. This folio, which bears as a subtitle *An illustration of the sexual system of Linnaeus* must not be confused with the *octavo* described below. Seven additional plates were published in 1780. These plates are also referred to as *Icones novae*, or *Icones plantarum* (in W, fide PR). See Henrey no. 1153 (108 pl.) for many details. The entire work was reissued in London in 1794 (n.v.; Henrey 1154). A Latin/German edition was published in 1792, another in 1804 (see below).

6483. *An illustration of the sexual system of Linnaeus* ... London (published as the Act directs, &

sold at the authors house in Dorset Court . . .) 1779-1789, 2 vols. Oct. (in fours). (*Ill. sex. syst. Linnaeus*).
1: 1779, frontisp., engr. t.p., p. 1-8, i-xvi, *pl. i, 1-106* with text p. 1-106 (*101* and *104* wanting).
2: 1789, engr. t.p., p. [i-ii], *pl. 1-86* (no. *20* wanting) with p. 1-86, [1, err.]. "*An illustration of the termini botanici of Linnaeus* . . ." Published as the Act directs, & sold at the authors house no. 10, Vauxhall Walk, Lambeth. 1789.
Copies: BR, FI, MO, NY; IDC 6087. – The plates are coloured copper engr. by the author. A 1794 re-issue has not been seen by us. For a Latin edition of vol. 1 see below, *Ill. syst. sex. Linnaeani*. – See Henrey 1155 and 1156.

6484. [*Icones novae*] Londini 1780. (*Icon. nov.*).
Publ.: 1780, 1 lf., 7 *pl.* (copp.; handcol. auct.), n.v. – See above sub *Ill. syst. sex. Linn.* to which these plates were an addition. – *Copies*: BM, K, Lindley Library (fide GF). See Henrey 1153.
Ref.: Sprague, T. A., J. Bot. 74: 208-209. 1936.

6485. Ioannis Milleri *Illustratio systematis sexualis Linnaeani*. Quam e textu anglico editionis minoris translatam nunc emendatum additamentis variis propriis praecipue terminorum botanicorum notioni inservientibus atque indicibus necessariis locupletatam accuravit D. Fridericus Guilielmus Weiss . . . Francofurti ad Moenum [Frankfurt a.M.] (apud Varrentrapp et Wenner) 1789. Oct. (*Ill. syst. sex. Linnaeani*).
Translator and annotator: Friedrich Wilhelm Weiss (1744-?).
Publ.: 1789 (p. xxiv: Jun 1789), p. [i]-xxiv, [1]-495, chart, engr. t.p. [for vol. 2] *pl. A, 1-104* (handcol. copper engr.). *Copies*: FI, L, M, MO, NY, USDA.

6486. Ioannes Miller, *Illustratio systematis sexualis Linnaei* . . . denuo edita, revisa ac translatione germanica locupletata per Mauritium Balthasarem Borckhausen adiectis tabulis cviii. Ad originale Millerianum aeri incisis et coloratis. Francofurti ad Moenum [Frankfurt a.M.] (apud Varrentrapp et Wenner) 1804. Fol. (*Ill. syst. sex. Linnaei*).
Editor and author of notes: Moriz Balthasar Borkhausen (1760-1806).
Orig.: 1792, n.v., copy at FI-Bibl. naz.
Reissue: 1804, p. [i-viii], *pl. 1*, [ix-x], *pl. 2*, [xi-xii], *pl. 3, 4*, [xiii-xvi], *pl. 1-104. Copy*: NY.

Mueller, Joseph M. (1802-1870), German botanist and high school teacher at Aachen (Aix-la-Chapelle). (*Jos. Muell.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: ADB 22: 637-638; BM 3: 1371; CSP 4: 530; Dryander 4: 69, 105, 194, 235; PR 6526-6527 (ed. 1: 7287-7288); Quenstedt p. 308; Rehder 5: 599.

6487. *Monographie der Petrefacten der Aachener Kreideformation* . . . Bonn (in Kommission bei Henry & Cohen) 1847-1859. Qu. (*Monogr. Petref. Aachen. Kreidef.*).
1: 1847, p. [1]-48, *pl. 1-2* (uncol. liths.).
2: 1851 (Flora rd. Sep-Oct 1851), p. [i], [1]-88, *pl. 3-6* (id.).
Supplement: 1859, p. [i], [1]-4, [3]-32, *pl. 7-8* (id.).
Copies: E (Univ. libr., part 1), FI-BN, H-UB (parts 1-2), LC (1-2 suppl.).

Müller, J. P. (*fl.* 1878), German botanist; high school teacher at Remscheid; later at the German school in Antwerpen. (*J. P. Müll.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Jackson p. 72, 292.

6488. Achter Jahresbericht über die Städtische Gewerbeschule (Realschule ii. Ordnung) zu Remscheid womit zu den am Montag den 15. und Dinstag den 16. April 1878 stattfindenden öffentlichen Prüfungen und Schlussfeierlichkeiten ergebenst einladet der Direktor Dr. Otto Petry. Inhalt: 1) *Flora der Blüthenpflanzen des bergischen Landes*, angeordnet nach dem natürlichen System vom Oberlehrer Dr. J. P. Müller. 2) Schulnachrichten vom

Direktor. Programm Nr. 397. 1898. Druck von Hermann Krumm in Remscheid. Qu. (*Fl. berg. Land.*).
Co-author: E. Hintzmann (*fl.* 1886; at Remscheid).
Publ.: Mar-Apr 1878, p. [1]-10 (Flora), 11-25 (Schulnachr.).
Copy: MO.
Ed. 2: Jan-Feb 1886 (p. v: 1885; announced Nat. Nov. Mai 1885; rev. Bot. Centralbl. 8-12 Mar 1886), p. [i]-xv, [xvi, err.], [1]-149. *Copy*: B. – Independent book issue: "*Flora der Blüthenpflanzen des bergischen Landes*". Zum Gebrauche in den Schulen unter Mitwirkung von Dr. E. Hintzmann.

Mueller, Karl ("Carl") (1817-1870), German botanist; continued the publication of Walpers Annales. (*K. Muell. berol.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 523; BM 3: 1365, 7: 877; Jackson p. 52, 225; Kew 4: 81; PR 6528; SO 2719; TL-2/1386-1387; TL-2/1: 570; Tucker 1: 505.
Anon., Bonplandia 3: 300. 1855 (continues Walpers), 4: 305. 1856 (secr./libr. Ges. Gartenfr.); Bot. Not. 1871: 36; Bot. Zeit. 28: 600. 1870, 29: 240. 1871; Verh. bot. Ver. Brand. 12: xlvi. 1870 (d. 21 Jun 1870).
Stafleu, F. A., Regn. veg. 71: 339. 1970.
Wittrock, V. B., Acta Horti Berg. 3(3): 146. 1905.

COMPOSITE WORKS: Continued Walpers' *Annales botanices systematicae* with vols. 4-7. 1857-1871; see under W. G. Walpers.

6489. *Annotationes quaedam de familia Elaeocarpeacearum* specierumque nonnullarum generum et elaeocarporum et monocerarum descriptiones, secundum specimina ex herbario wallichiano sumpta. Dissertatio inauguralis botanica quam consenu [sic] et auctoritate amplissimi philosophorum ordinis in alma litterarium universitate Friderica Guilelma ad summos in philosophia honores rite capessendos die xxiii m. Julii a. mdcccxlix h.l.q.s. publice defendet auctor Carolus Mueller berolinensis . . . Berlin (Typis G. Bernsteini) a.d. [1849]. Oct. (*Annot. Elaeocarp.*).
Publ.: 23 Jul 1849, p. [1]-41, [42, theses], *1 pl.* (uncol. lith. by auct.). *Copies*: FI, G, MO. – Schlechtendal reports a t.p. with the erroneous date mcccxlix (rather than mdcccxlix), the copies at FI, G and MO have the correct date.

Müller, Karl (1881-1955) of Freiburg, German hepaticologist; Dr. phil. Freiburg 1905; from 1905-1921 at the phytopathological station Augustenberg nr. Karlsruhe and as phytopathologist involved in the wine industry; from 1921-1937 director of the Badische Weinbauinstitut; from 1937-1955 working full time on hepaticology. (*K. Müll. frib.*).

HERBARIUM and TYPES: KR; further material e.g. at GOET and S. – Contributed to Schiffner, *Hepaticae europaeae exsicc.* q.v.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 525; BFM 609, 610, 1914; BM 7: 877; Bossert p. 277; DTS 5: li-lii; Hirsch p. 206; IH 1(ed. 6): 362, 2: 569; Lenley p. 301; LS 37203-37212, suppl. 19119-19141; SBC p. 127 ("K. Müll. (Freib.)"); TL-2/3206, 3214, 3401, 3921; Urban-Berl. p. 308.
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NOTE: Not to be confused with the Württemberg floristic botanist Karl Müller (Ulm), b. 11 Apr 1893, d. 4 Nov 1955, about whom see A. Faber, Jahresh. Ver. vaterl. Nat. Württemberg 112(2): 150-154. 1957 (obit., bibl., portr.).

6490. *Moosflora des Feldberggebietes.* Ein Beitrag zur Kenntnis der badischen Kryptogamenflora. Herrn Dr. J. B. Jack aus Konstanz als Zeichen der Dankbarkeit gewidmet von Karl Müller in Kirchzarten. Karlsruhe (Verlag von J. J. Reiff) [1898-]1899. Oct.
Dedicated to: Joseph Bernhard Jack (1818-1901).
Publ.: Oct 1898-Jan 1899, in 4 parts, p. [1]-24.
Copy: G. – Reprinted from Allg. bot. Z. 4(11): 177-180. Nov, (12): 199-201. Dec 1898, 5(1): 6-7. Jan, (2): 25-26. Feb, (4): 63-65. Apr, (5): 80. Mai, (6): 97-98. 1899, (7/8): 124-127. Jul-Aug, (9): 143-147. Sep, (10): 160-161. Nov(sic), (11): 173-176. Nov 1899. To be cited from journal.

6491. *Zusammenstellung der Lebermoose aus dem Reichslande Elsass-Lothringen* [Bot. Centralbl. 1900]. Oct.
Publ.: 1900, p. [1]-45. *Copy*: G. – Reprinted and to be cited from Bot. Centralbl. 81: 259-269. 14 Feb, 289-297. 21 Feb, 321-329. 28 Feb, 353-361. 7 Mar, 385-391. 14 Mar, 414-424. 21 Mar 1900.

6492. *Monographie der Lebermoosgattung Scapania* Dum. ... Mit 52 Tafeln Nr. i-lii ... Halle a.S. (Druck von Ehrhardt Karras, ...) 1905. Qu. (*Monogr. Scapania*).
Publ.: Jan-Jul 1905 (mss. presented to Leopoldina 9 Mar 1904; Nat. Nov. Aug(1) 1905), p. [1]-312, [1-3, expl. pl.], *pl. 1-52* (uncol. liths. by author with text). *Copies*: B, G, NY, U-V. – Nova Acta Leop. 83: 1-312, *pl. 1-52*. 1905. For a preliminary paper see Bot. Centralbl. 82: 401-411. 27 Jun 1900 and Bull. Herb. Boissier ser. 2. 1(6): 593-614. Jun 1901. See also DTS 5: li-lii.

6493. *Die Lebermoose* Deutschlands, Oesterreichs u.d. Schweiz mit Berücksichtigung der übrigen Länder Europas ... Leipzig (1-2: Verlag von Eduard Kummer; Erg.: Akademische Verlagsgesellschaft m.b.H.) [1905]1906-1939[-1940], 3 vols. Oct. † (*Lebermoose*).
Publ.: As vol. 6 of "Dr. L. Rabenhorst's Kryptogamen-Flora von Deutschland, Oesterreich und der Schweiz. Zweite Auflage ..." (alt. title), in 28 parts (main vols.) and 2 parts *Ergänzungsband.* (parts 3-5 remained unpublished).

Vol.	Lief.	pages	dates	Vol.	Lief.	pages	dates
1	1	1-64	Dec 1905	2	15	1-80	1 Mar 1912
	2	65-128	Mai 1906		16	81-144	20 Dec 1912
	3	129-192	20 Mar 1907		17	145-208	20 Jan 1913
	4	193-256	20 Jun 1907		18	209-272	20 Nov 1913
	5	257-320	1 Oct 1907		19	273-336	21 Mar 1914
	6	321-384	20 Mar 1908		20	337-384	19 Dec 1914
	7	385-448	27 Feb 1909		21	385-464	22 Feb 1915
	8	449-512	15 Apr 1909		22	465-528	1 Mar 1915
	9	513-576	15 Sep 1909		23	529-592	26 Jul 1915
	10	577-640	15 Apr 1910		24	593-656	7 Oct 1915
	11	641-704	1 Jun 1910		25	657-720	18 Feb 1916
	12	705-768	25 Aug 1910		26	721-784	28 Apr 1916
	13	769-832	10 Mar 1911		27	785-848	28 Mai 1916
	14	833-871	10 Apr 1911		28	849-947 [i]-vii	27 Aug 1916
					Erg. 1	1-160	1939
					Erg. 2	161-320	1940

1: [ii]-vii, [1]-870, [1, dates]; *2*: [ii]-vii, [1]-947; *Erg.*: [1]-320. – *Copies*: B, BR, MICH, MO, U. – The stock of the *Ergänzungsband* was destroyed during World War II.

6494. *Die Lebermoose Europas* eine Gesammtdarstellung der europäischen Arten . . . Leipzig (Akademische Verlagsgesellschaft Geest & Portig K.-G.) 1954-1957[-1958], 2 vols. Oct. (*Leberm. Eur.*).

Publ.: In 9 parts, 1954-1958. Constitutes "Dr. L. Rabenhorst's *Kryptogamen-Flora* von Deutschland, Österreich und der Schweiz . . ." vi. Band, 1.(2.) Abtlg. 3. Auflage. (third edition of Rabenhorst, but second ed. of Müller's *Lebermoose*). *1*: [ii]-xii, [1]-756, *2*: [ii]-viii, [757]-1365. *Copies*: BR, H, MO. – Vol. 1 was by Müller alone; vol. 2 was published from a Müller manuscript by Theodor Herzog (1880-1961); the addenda to the Anthoceraceae (2: 1303-1319) are by Johannes Max Proskauer (1923-1970); the corrections, p. 1319-1320 are by Herzog and Hermann Reimers (1893-1961).

Facsimile ed.: 1971, Johnson Reprint Corporation, New York. *Copy*: S. R. Gradstein.

Band	Abteilung	Pagination	Figures	Date	Author	Taxon
6	1	[V]-VII		Mar 1954	Müller, K.	Hepaticae-Foreword
		1-160	*figs. 1-33*	Mar 1951		Hepaticae-General
		161-291	*figs. 34-38*	Aug 1951		
		291-292				Anthocerotales
		292-305	*figs. 39-44*		Anthocerotaceae	
		305-307	*fig. 45*			Notothylaceae
		308-310				Marchantiales
		310-314	*figs. 46-47*		Sphaerocarpaceae	
		314-318	*figs. 48-50*			Riellaceae
		318-320			Sphaerocarpineae-Bibliography	
		320			Marchantiineae	
		321-325	*fig. 51*	Feb 1952	Marchantiineae	
		325-329	*figs. 52-53*			Targioniaceae
		329-360	*figs. 54-70*			Grimaldiaceae
		360-364	*figs. 71-72*		Conocephalaceae	
		364-368	*fig. 73*			Lunulariaceae
		368-382	*figs. 74-81*			Cleveaceae
		382-397	*figs. 82-89*		Marchantiaceae	
		397-403	*figs. 90-91*		Exormothecaceae	
		403-406	*figs. 92-93*			Corsiniaceae
		406-409			Marchantiineae-Bibliography	
		409-410				Ricciineae
6	1	410-412	*fig. 94*	Feb 1952	Müller, K.	Oxymitraceae
		413-471	*figs. 95-128*			Ricciaceae
		472-474			Ricciineae-Bibliography	
		474-475			Jungermaniales	
		476-479	*fig. 129*		Anakrogyniineae	

Band	Abteilung	Pagination	Figures	Date	Author	Taxon
6	1	479-480	*fig. 130*			Metzgeriaceae
		481-491	*figs. 131-134*	Mar 1954		Metzgeriaceae
		492-507	*figs. 135-141*	Mar 1954		Aneuraceae
		508-517	*figs. 142-145*	Mar 1954		Pelliaceae
		518-528	*figs. 146-150*			Dilaenaceae
		528-531	*figs. 151-152*			Blasiaceae
		531-546	*figs. 153-156*			Codoniaceae
		546-548			Anakrogynineae-Bibliography	
		548-549				Calobryineae
		549-551	*fig. 157*		Haplomitriaceae	
		552-533				Akrogynineae
		553-556				Jungermanieae
		557-567	*figs. 159-161*			Herbertaceae
		567-574	*figs. 162-165*			Ptilidiaceae
		574-586	*figs. 166-171*		Hygrobiellaceae	
		586-590	*figs. 172-174*		Trichocoleaceae	
		590-593	*fig. 175*		Blepharostomaceae	
		593-615	*figs. 176-184*		Lophocoleaceae	
		615-640	*figs. 185-193*			
6	1	641-751	*figs. 194-247*	Mai 1954	Müller, K.	Lophoziaceae
		751-753				Lophoziaceae-Bibliography
		754-756		Mai 1954	Anon.	Index
6	2	[V]		Aug 1957	Müller, K. Herzog, T.	Foreword
		757-803	*figs. 248-272*	Mai 1956	Marsupellaceae	
		804-865	*figs. 273-301*		Jungermaniaceae	
		866-877	*figs. 302-307*			Southbyaceae
		877-902	*figs. 308-320*		Plagiochilaceae	
		902-916	*figs. 321-326*			Scapaniaceae
		917-1013	*figs. 327-374*	Jul 1956		Scapaniaceae
		1013-1062	*figs. 375-397*		Cephaloziellaceae	
		1062-1072	*figs. 398-401*		Harpanthaceae	
		1072	*fig. 402*		Cephaloziaceae	
		1077-1116	*figs. 403-422*	Aug 1956	Cephaloziaceae	
		1116-1131	*figs. 423-428*		Odontoschismaceae	
		1131-1161	*figs. 429-445*			Lepidoziaceae
		1161-1187	*figs. 446-458*		Calypogeiaceae	
		1188-1199	*figs. 459-464*			Radulaceae
		1200-1204	*fig. 465*			Pleuroziaceae
		1204-1220	*figs. 466-472*		Madothecaceae	

Band	Abteilung	Pagination	Figures	Date	Author	Taxon
6	2	1221-1227	*figs. 473-475*	Feb 1958		
		1228-1258	*figs. 476-490*			Frullaniaceae
		1258-1300	*figs. 491-506*			Lejeuneaceae
		1300-1302	*fig. 507*		Riellaceae-Additions	
6	2	1303-1319	*figs. 508-514*	Feb 1958	Proskauer, J.	Anthocerotaceae-Additions
6		1319-1320		Feb 1958	Herzog, T. & H. Reimers	Corrections
6		1321-1326		Feb 1958	Anon.	Index of Taxa Illustrated
		1327-1365				Gen. Index

Systematic arrangement

Taxon	Author	Band	Abteilung	Pagination	Figures	Date
Akrogynineae	Müller, K.	6	1	552-553		Mar 1954
Anakrogynineae	Müller, K.	6	1	476-479	*fig. 129*	Feb 1952
Aneuraceae	Müller, K.	6	1	492-507	*figs. 135-141*	Mar 1954
Anthocerotaceae	Müller, K.	6	1	292-305	*figs. 39-44*	Aug 1951
Anthocerotales	Müller, K.	6	1	291-292		Aug 1951
Blasiaceae	Müller, K.	6	1	528-531	*figs. 151-152*	Mar 1954
Blepharostomaceae	Müller, K.	6	1	590-593	*fig. 175*	Mar 1954
Calobryineae	Müller, K.	6	1	548-549		Mar 1954
Calypogeiaceae	Müller, K. & Herzog, T.	6	2	1161-1187	*figs. 446-458*	Aug 1956
Cephaloziaceae	Müller, K. & Herzog, T.	6	2	1072	*fig. 402*	Jul 1956
Cephaloziaceae	Müller, K. & Herzog, T.	6	2	1077-1116	*figs. 403-422*	Aug 1956
Cephaloziellaceae	Müller, K. & Herzog, T.	6	2	1013-1062	*figs. 375-397*	Jul 1956
Cleveaceae	Müller, K.	6	1	368-382	*figs. 74-81*	Feb 1952
Codoniaceae	Müller, K.	6	1	531-546	*figs. 153-156*	Mar 1954
Conocephalaceae	Müller, K.	6	1	360-364	*figs. 71-72*	Feb 1952
Corsiniaceae	Müller, K.	6	1	403-406	*figs. 92-93*	Feb 1952
Dilaenaceae	Müller, K.	6	1	518-528	*figs. 146-150*	Mar 1954
Exormothecaceae	Müller, K.	6	1	397-403	*figs. 90-91*	Feb 1952
Frullaniaceae	Müller, K. & Herzog, T.	6	2	1228-1258	*figs. 476-490*	Feb 1958
Grimaldiaceae	Müller, K.	6	1	329-360	*figs. 54-70*	Feb 1952
Haplomitriaceae	Müller, K.	6	1	549-551	*fig. 157*	Mar 1954
Harpanthaceae	Müller, K. & Herzog, T.	6	2	1062-1072	*figs. 398-401*	Jul 1956
Herbertaceae	Müller, K.	6	1	557-567	*figs. 159-161*	Mar 1954
Hygrobiellaceae	Müller, K.	6	1	574-586	*figs. 166-171*	Mar 1954
Jungermaniaceae	Müller, K. & Herzog, T.	6	2	804-865	*figs. 273-301*	Mai 1956
Jungermaniales	Müller, K.	6	1	474-475		Feb 1952
Jungermanieae	Müller, K.	6	1	553-556		Mar 1954
Lejeuneaceae	Müller, K. & Herzog, T.	6	2	1258-1300	*figs. 491-506*	Feb 1958
Lepidoziaceae	Müller, K. & Herzog, T.	6	2	1131-1161	*figs. 429-445*	Aug 1956
Lophocoleaceae	Müller, K.	6	1	593-615	*figs. 176-184*	Mar 1954
Lophoziaceae	Müller, K.	6	1	615-640	*figs. 185-193*	Mar 1954

Taxon	Author	Band	Abteilung	Pagination	Figures	Date
Lophoziaceae	Müller, K.	6	1	641-751	*figs. 194-247*	Mai 1954
Lunulariaceae	Müller, K.	6	1	364-368	*fig. 73*	Feb 1952
Madothecaceae	Müller, K. & Herzog, T.	6	2	1204-1220	*figs. 466-472*	Aug 1956
Madothecaceae	Müller, K. & Herzog, T.	6	2	1221-1227	*figs. 473-475*	Feb 1958
Marchantiaceae	Müller, K.	6	1	382-397	*figs. 82-89*	Feb 1952
Marchantiales	Müller, K.	6	1	308-310		Aug 1951
Marchantiineae	Müller, K.	6	1	320		Aug 1951
Marchantiineae	Müller, K.	6	1	321-325	*fig. 51*	Feb 1952
Marsupellaceae	Müller, K. & Herzog, T.	6	2	757-803	*figs. 248-272*	Mai 1956
Metzgeriaceae	Müller, K.	6	1	479-480	*fig. 130*	Feb 1952
Metzgeriaceae	Müller, K.	6	1	481-491	*figs. 131-134*	Mar 1954
Notothylaceae	Müller, K.	6	1	305-307	*fig. 45*	Aug 1951
Odontoschismaceae	Müller, K. & Herzog, T.	6	2	1116-1131	*figs. 423-428*	Aug 1956
Oxymitraceae	Müller, K.	6	1	410-412	*fig. 94*	Feb 1952
Pelliaceae	Müller, K.	6	1	508-517	*figs. 142-145*	Mar 1954
Plagiochilaceae	Müller, K. & Herzog, T.	6	2	877-902	*figs. 308-320*	Mai 1956
Pleuroziaceae	Müller, K. & Herzog, T.	6	2	1200-1204	*fig. 465*	Aug 1956
Ptilidiaceae	Müller, K.	6	1	567-574	*figs. 162-165*	Mar 1954
Radulaceae	Müller, K. & Herzog, T.	6	2	1188-1199	*figs. 459-464*	Aug 1956
Ricciaceae	Müller, K.	6	1	413-471	*figs. 95-128*	Feb 1952
Ricciineae	Müller, K.	6	1	409-410		Feb 1952
Riellaceae	Müller, K.	6	1	314-318	*figs. 48-50*	Aug 1951
Scapaniaceae	Müller, K. & Herzog, T.	6	2	902-916	*figs. 321-326*	Mai 1956
Scapaniaceae	Müller, K. & Herzog, T.	6	2	917-1013	*figs. 327-374*	Jul 1956
Southbyaceae	Müller, K. & Herzog, T.	6	2	866-877	*figs. 302-307*	Mai 1956
Sphaerocarpaceae	Müller, K.	6	2	310-314	*figs. 46-47*	Aug 1951
Targioniaceae	Müller, K.	6	1	325-329	*figs. 52-53*	Feb 1952
Trichocoleaceae	Müller, K.	6	1	586-590	*figs. 172-174*	Mar 1954

Müller, Karl (recte: "Carl") **Alfred Ernst** (1855-1907), German botanist, mainly plant physiologist; Dr. phil. Berl. 1883; from 1886-1895 at Pringsheim's plant-physiological institute; from 1895 at the Technische Hochschule Berlin (Charlottenburg); from 1896 as professor; from 1886 also part time and from 1903 fully paid by the Gärtnerlehranstalt at Dahlem while remaining associated with the Technische Hochschule. (*K. A. E. Müll.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 523; BJI 1: 40; BM 3: 1365; CSP 12: 525-526, 17: 395-396; GR p. 115; LS 18414-18416; Morren ed. 10, p. 7; Rehder 5: 599; SBC p. 127 ("K. Müll. (Berl.)"); TL-2/4031.

Anon., Biogr. Jahrb. 12: 60*; Bot. Centralbl. 50: 191. 1892 (Habil. Landw. Hochschule, Berlin), 67: 32. 1896 (professor Techn. Hochschule), 68: 191. 1896 (part time at Gärtnerlehranstalt); Bot. Jahrb. 40(Beibl. 92): 46. 1908; Bot. Not. 1907: 261; Nat. Nov. 17: 240. 1895 (Techn. Hochsch.), 29: 354. 1907; Österr. bot. Z. 36: 434. 1886 (assistant Pringsheim); Verh. bot. Ver. Brandenburg 49: lxvii. 1908 (d.).

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(2) EP, *Nat. Pflanzenfam., Musci*, Fortpflanzungsverhältnisse, 1.3(1): 142-144. Feb 1895, 145-192. Feb 1898, 193-240. Jul 1900.
(3) with H. Potonié, *Botanik* (vol. 3. Naturw. Repert.), Berlin 1893, 323 p. (publ. Mar-Apr 1893).

6495. *Medicinalflora*. Eine Einführung in die allgemeine und angewandte Morphologie und Systematik der Pflanzen mit besonderer Rücksicht auf das Selbststudium für Pharmaceuten, Mediciner und Studirende bearbeitet von Dr. Carl Müller, ... Berlin (Verlag von Julius Springer) 1890. Oct. (*Medicinalflora*).
Publ.: Mai-Jun 1888 (p. iv: Apr 1890; Nat. Nov. Jun (2) 1890; Bot. Zeit. 27 Jun 1890; Flora 5 Jul 1890; Bot. Centralbl. 2 Jul 1890), p. [i]-viii, [1-2, err.], [1]-582. *Copies*: MO, USDA.
Ref.: Taubert, P. H. W., Bot. Jahrb. 12(Lit.): 47. 23 Dec 1890, Bot. Centralbl. 43: 247-248. 20 Aug 1890.

Müller, Johann **Karl** [Carl] August [Friedrich Wilhelm] (1818-1899), German bryologist at Halle; practicing pharmacist in various parts of Germany until 1843; from then on at Halle, associated with D. F. L. von Schlechtendal, but essentially a self-made scientist. (*K. Müll. hal.*).

HERBARIUM and TYPES: The entire herbarium, numbering about 60.000 specimens and perhaps some 11.000 species was aquired by B on 2 Mai 1899. It contained material and types from many authors in addition to those of Müller himself. See Urban-Berl. (p. 129-131) for a list of collectors represented in the herbarium. The collection was destroyed in 1943 along with the greater part of the Berlin herbarium. However, incidental material may have been salvaged. A number of Müller types (isotypes), in so far as based on the Levier collection, are at FI (inf. C. H. Steinberg). Mueller also sent much material to his friend Karl Schliephacke (1834-1913), whose collections are now at JE. Further Mueller material is at BM, S, H, and NY. Müllers bryological library was also acquired by B; however, a number of items reached the open market; many of them were acquired by W. C. Steere, whose bryological library is now at MO. – 60 Letters by M to Brotherus are at H-UB.

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A. G. [Geheeb], J. Bot. 37: 192. 1899 ("... indeed, it is doubtful whether at any period he surpassed the rate of production of new species with which he marked the closing years of his life").
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Meyer, F. K. & H. Manitz, *in* Reichtümer und Raritäten, Jenaer Reden und Schriften, Jena 1974, p. 92 (Mueller material at JE).
Mueller, K. A. F. W., Der Schüler der Natur oder Johannes Ehrhart's Kinderjahre, 1851 (autobiogr.; fide Otto Taschenberg 1899).
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Stafleu, F. A., Regn. veg. 71: 314, 317, 339. 1970 (M. and Miquel/Schlechtendal); Taxon 22: 680-682. 1973 (on *Syn. musc. frond.* 1848-1851).
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(2) Founder and editor, with Willi Ule (x-1836) of *Die Natur, Halle,* from 1852-1896.
(3) Höhnel, L., *Rudolph-Stephanie-See* 1892, Musci p. 868-870, see TL-2/2867.
(4) *Bryologia Austro-Georgiae, in Die Internationale Polarforschung* 1882-1883, Die Deutschen Expeditionen, ed. G. Neumayer, 2: 279-321. 1890. For reprint see below.
(5) *Die Forschungsreise S. M. S., "Gazelle"* ... iv. Theil Botanik, [e]*Laubmoose* (Musci frondosi) by K. Müller Hal., t.p. of vol. 4: [i], [1]-64. (photocopy H); preliminary publ. Bot. Jahrb. 1(5): 76-88. 1883.

NAME: Baptized Johann Karl August Müller (Allstedter Kirchenbuch, fide Taschenberg 1899). The additional names Friedrich Wilhelm were cited by Pritzel.

NOTES: Information on *Copies* seen at H was marked and submitted by P. Isoviita. – We have seen only part of the repaginated reprints of journal articles.

EPONYMY: *Hallomuellera* O. Kuntze (1891) ; *Muellerobryum* M. Fleischer (1905). The derivation of *Muelleriella* P. Dusén (1905, *nom. cons.*) is not given by the author.

6496. *Synopsis muscorum frondosorum omnium hucusque cognitorum* ... Berolini [Berlin] (sumptibus Alb. Foerstner), 2 parts [1848-]1849-1851. Oct. (*Syn. musc. frond.*).
Publ.: The publication of this book took place in ten fascicles and was accompanied by a series of articles by Karl Müller himself in the Botanische Zeitung constituting an "autoreferat" but also containing many additional notes and commentaries. The dates of publication are given on p. 772 of vol. 2. *Copies*: H, MO, NY, U, USDA; IDC 6086. – The book is not mentioned by PR.
1: Feb 1848-Dec 1849, p. [i]-viii, [1]-812.
2: Sep 1850-Sep 1851, p. [i]-772.

part	fasc.	pages	dates	Bot. Zeitung	
1	1	1-160	Feb 1848	6: 148-158	25 Feb 1848
	2	161-320	Mai 1848	6: 383-389	19 Mai 1848
	3	321-480	Oct 1848	6: 739-744	20 Oct 1848
	4	481-640	Mar 1849	7: 236-240	25 Mar 1849
	5	641-812	Dec 1849	7: 841-847	30 Nov 1849

part	fasc.	pages	dates	Bot. Zeitung	
2	6	1-160	Sep 1850	8: 656-660	6 Sep 1850
				8: 670-675	13 Sep 1850
				8: 685-687	20 Sep 1850
	7,8	161-510	Jul 1851	9: 475-477	27 Jun 1851
				9: 508-510	11 Jul 1851
				9: 522-526	18 Jul 1851
				9: 533-536	25 Jul 1851
	9,10	511-772	Sep 1851	9: 730-733	10 Oct 1851
				9: 743-748	17 Oct 1851
				9: 736	10 Oct 1851

Facsimile ed.: 1973, 2 vols., ISBN 90-6123-255-4; with the series of articles from the Botanische Zeitung on p. 773-862. *Copy*: FAS. (See Taxon 22: 501, 680-682. 1973). – "*Synopsis* ... cognitorum with a supplement consisting of the articles published in the Botanische Zeitung vols. 6-9." Amsterdam (A. Asher & Co. ... B.V.) 1973, 2 vols. – The publication of the Bot. Zeit. articles in this edition is a happy consequence of the publication of TL-1.

6497. *Deutschlands Moose* oder Anleitung zur Kenntniss der Laubmoose Deutschlands, der Schweiz, der Niederlande und Dänemarks für Anfänger sowohl wie für Forscher bearbeitet von Dr. Karl Müller ... Halle (G. Schwetschke'scher Verlag) 1853. Oct. (*Deutschl. Moose*).
Publ.: Jul-Dec 1853 (p. viii: Jun 1853; published in 5 parts of 96 p. (part 5, 125 p.) but no further details available), p. [i]-viii, [1]-512. *Copies*: H, NY, US, USDA; IDC 5317.
Ref.: K. M. (=author), Bot. Zeit. 11: 626-630. 2 Sep 1853 (Lief. 1-5).

6498. *Das Buch der Pflanzenwelt.* Botanische Reise um die Welt. Versuch einer kosmischen Botanik. Den Gebildeten aller Stände und allen Freunden der Natur gewidmet ... Leipzig (Verlag von Otto Spamer) [1856]. 1857, 2 vols. (*Buch Pfl.-Welt*).
Ed. 1: 1856-1857, 2 vols. *Copies*: LC, LD (vol. 2), NY (vol. 1), REG, UC.
1: Dec 1856 (err. dated 1857; see Müller, Bot. Zeit. 14: 885-887. 12 Dec 1856), frontisp., p. [i]-xii, [1]-290, map, *4 pl.* h.t.
2: 1857 (ÖbZ 1 Jan 1858; Bonplandia 15 Dec 1857; rev. 1 Feb 1858; rd. by Flora 28 Jun-14 Aug 1858), front., p. [i]-viii, [1]-208, *pl.*
Ed. 2: Jan-Feb 1869 (Flora 28 Jan 1869 adv., 20 Aug 1869 as "neu", Bot. Zeit. 26 Feb 1869 as "neu"), one volume in two parts, p. [i-ii], front., [iii]-xiv, [1]-284, [Abt. 2:] [1]-2, frontisp., [3]-368. *Copies*: B, LD, MO.
French: 1860-1862, 2 vols. "*Les merveilles du monde végétal* ou voyage botanique autour du monde ..." Paris (Schulz & Thuillié), Bruxelles (Auguste Schnée), translation and notes by J. B. E. and J. Husson.
1: 1860, p. [i]-viii, 1-351, *4 pl.*
2: 1862, p. [i-ii], [1]-284, *6 pl.*
Copies: BR, G, MO, NY. – Published in 40 parts (4/month).

6499. *Der Pflanzenstaat* oder Entwurf einer Entwickelungsgeschichte des Pflanzenreiches. Eine allgemeine Botanik für Laien und Naturforscher von Karl Müller von Halle ... Leipzig (A. Förstnersche Buchhandlung (Athur Felix) 1860[-1861]. Oct. (*Pflanzenstaat*).
Publ.: in parts Jul 1860-Apr 1861 (Bot. Zeit. 3 Aug 1860; no further details available), frontisp., p. [iii]-xxiv, [1]-599, *2 pl. Copy*: NY.
Ref.: J. G., Bull. Soc. bot. France 8: 182-186. Mai 1861.

6500. *De muscorum Ceylonensium* collectione scripsit Carolus Müller Hal. ... [Linnaea 1869]. Oct.
Collector: Johannes Nietner (*fl.* 1869).
Publ.: Mai 1869, p. [1]-40. *Copy*: MO-Steere. – Reprinted from Linnaea 36: 1-40. Mai 1869. To be cited from journal.

6501. *Musci australici* praesertim brisbanici novi (Extraabdruck aus der Linnaea Bd. 37. S. 182 [for 162.] [1872]. Oct.

Publ.: Apr 1872, p. [1]-20. *Copy*: H. – Reprinted and to be cited from Linnaea 37: 143-162. 1872. See note below under Musci venezuelenses fendleriani, 1879.

6502. *Musci polynesiaci* praesertim Vitiani et Samoani Graeffeani (Separat-Abdruck aus dem Journal des Museum Godeffroy) [1874]. Qu.
Collector: Eduard O[tto] Graeffe (1833-1916).
Publ.: 1874 (Flora rd. 11 Oct – 10 Dec 1874), p. [1]-40. *Copy*: H. – Reprinted and to be cited from J. Mus. Godeffroy 3(6): 51-90. 1874.
Ref.: Anon., Flora 57: 560. 11 Dec 1874.

6503. *Manipulus muscorum novorum* ex America septentrionali [ex Flora, vol. 58, 1875]. Oct.
Publ.: 11 & 21 Feb 1875 (in journal), p. [1]-9.
Copy: H. – Reprinted and to be cited from Flora 58: 76-80. 11 Feb 1875, 89-93. 21 Feb 1875.

6504. *Musci novo-granatenses* nonnulli novi praesertim a cl. Gust. Wallis collecti. (Separatdruck aus "Flora" 1875 Nr. 34 and 35). Oct.
Collector: Gustav Wallis (1830-1878).
Publ.: 1 & 11 Dec 1875 (in journal), p. [1]-18. *Copy*: H. – Reprinted and to be cited from Flora 58: 529-536. 1 Dec 1875, 545-555. 11 Dec 1875.

6505. *Musci Africae orientali-tropicae hildebrandtiani.* (Separat-Abdruck aus Flora 1879 Nr. 24) [1879]. Oct.
Publ.: 21 Aug 1879 (in journal), p. [1]-5. *Copy*: B. – Reprinted from Flora 62: 376-380. 21 Aug 1879.

6506. *Musci venezuelenses fendleriani* auctore Carolo Müller Hal. (Separatabdruck aus "Linnaea" xlii.) Berolini 1879. Oct. (*Musc. venez. fendler.*).
Collector: August Fendler (1813-1883).
Publ.: 1879, p. [i] [1]-42. *Copies*: B, MO. – Preprinted or reprinted from Linnaea 42: 461-480. Jul 1879,481-502. Oct 1879. – It was unusual for Linnaea in this period to provide reprints with independent pagination. This may point at prepublication; however, we have no further information on the date of publication of the reprint and in the absence of such information the paper should be cited from the journal.

6507. *Prodromus bryologiae argentinicae* seu musci lorentziani argentinici ... Berolini 1879-1882, 2 parts. Oct.
Collector: Paul Günther Lorentz (1835-1881).
1: Apr-Jul 1879 (in journal), p. [i, special t.p.], [217]-460. Reprinted (preprinted?) and to be cited from Linnaea 42: 217-288. Apr 1879, 289-384. Jun 1879, 385-460. Jul 1879.
2: Feb 1882 (in journal; Nat. Nov. Mai(2) 1882), p. [i, special t.p.], [1]-146. Reprinted and to be cited from Linnaea 43: 341-486. Feb 1882.
3: Apr-Jun 1897; also *in* Hedwigia 36: 84-128. 30 Apr 1897, 129-144. 25 Jun 1897; reprinted with unchanged pagination.
Copies: G(part 1), H(parts 1-3).
Facsimile ed. (of parts 1 and 2): 1973, with new t.p. followed by facsimile. *Copies*: MO, NY. – Reprint 1973 (Linnaeus Press) Amsterdam Holland.
Ref.: Geheeb, A., Bot. Centralbl. 10: 155-161. 1882 (part 2).

6508. *Musci tschuctschici* (Cassel; Separat-Abdruck, Botanisches Centralblatt 16, 1883). Oct.
Collectors: Anton & Arthur Krause (1833-?; 1851-1920).
Publ.: Oct 1883, p. [1]-17. *Copy*: H. – Reprinted and to be cited from Bot. Centralbl. 16: 57-63, 91-95, 121-122. Oct 1883.

6509. *Beiträge zu einer Bryologie West-Afrikas* (Separat-Abdruck aus "Flora" 1886, Nr. 32 und 33) [1886]. Oct.
Publ.: 21 Nov 1886 (in journal issue for 11 u. 21 Nov 1886), p. [1]-27. *Copy*: H. – Reprinted and to be cited from Flora 69: 499-525. 11/21 Nov 1886.
Ref.: Geheeb, A., Bot. Centralbl. 29: 226-230. 21-25 Feb 1887 (rev.).

6510. *Sphagnorum novorum descriptio* (Separat-Abdruck aus "Flora" 1887; Nr. 26 und 27.) [1887] Oct.
Publ.: 21 Sep 1887 (journal issue 11/21 Sep 1887), p. [1]-20. *Copy*: H. – Reprinted from Flora 70: 403-422. 11/21 Sep 1887.
Ref.: Geheeb, A., Bot. Centralbl. 35: 189-192. 1888.

6511. *Musci cleistocarpici novi* (Separat-Abdruck aus "Flora" 1888, Nr. 1) [1888]. Oct.
Publ.: 1 Jan 1888, p. [1]-13. *Copy*: H. – Reprinted and to be cited from Flora 71: [1]-13. 1 Jan 1888.

6512. *Die Mooswelt des Kilima-Ndscharo's* (Separat-Abdruck aus "Flora" 1888, Nr. 27) [1888]. Oct.
Publ.: 21 Sep 1888 (in journal), p. [1]-16. *Copy*: H. – Reprinted and to be cited from Flora 71: 403-418. 21 Sep 1888. – See also Flora 73: 465-499. 1890.
Ref.: Geheeb, A., Bot. Centralbl. 37: 121-122. 1889.

6513. *Bryologia Austro-Georgiae* ... (Separat-Abdruck aus dem Werke über die Ergebnisse der deutschen Polar-Expeditionen, Allgemeiner Theil, Band II, II) [Berlin 1890]. Oct.
Publ.: Jan 1890 (in main work; reprint not dated; Nat. Nov. Jan 1890 as "1890"; Rev. bryol. Sep 1890), p. [1]-46. *Copies*: H, NY. – Reprinted from G. Neumayer, ed., *in Die Internationale Polarforschung* 1882-1883, *Die deutschen Expeditionen* 2(2): 279-321. 1890 (dated 1889 in bibl. by Taschenberg).

6514. *Musci nonnulli novi Guianae anglicae* prope Georgetown ad cataractas "Marshall Falls" fluvii Mazaruni a cl. J. Quelch collecti, ... [Genova, Tipografia Ciminago 1896]. Oct.
Collector: John Joseph Quelch (*fl.* 1896).
Publ.: 1896, p. [3]-11. *Copy*: H. – Reprinted and to be cited from Malpighia 10: 512-520. 1896.

6515. *Prodromus bryologiae bolivianae* ... Firenze (Stabilimento Pellas ...) 1892, 2 parts.
1: Jan 1897 (Nat. Nov. Feb(2) 1897; journal issue Jan), p. [1]-48, reprinted and to be cited from Giorn. bot. ital. ser. 2. 4(1): 6-50. Jan 1897.
2: Apr 1897, p. [49]-108, id. Giorn. bot. ital. ser. 2. 4(2): [113]-172. 1897.
Copies: FI, H, NY.
Ref.: Warnstorf, C. F., Bot. Centralbl. 77: 297-298. 1897.

6516. *Bryologia guatemalensis* ex collectionibus Domin. Bernoulli & Cario (1866-1878) V. Türckheim et aliorum ... Genève (Imprimerie Romet, ...) 1897. Oct.
Publ.: early Mar 1897 (Nat. Nov. Mar(2) 1897), p. [i], [1]-50. *Copies*: H, NY. – Reprinted and to be cited from Bull. Herb. Boiss. 5(3): 171-220. Mar 1897.

6517. *Symbolae ad bryologiam jamaicensem* ... Genève (Imprimerie Romet, ...) 1897. Oct.
Publ.: Jul 1897 (Nat. Nov. Jul(1,2) 1897), p. [i], [1]-21. *Copies*: H, NY(2). – Reprinted and to be cited from Bull. Herb. Boiss. 5(7): [547]-567. Jul 1897.
Ref.: Warnstorf, C. F., Bot. Centralbl. 72: 201-203. 3 Nov 1897.

6518. *Bryologia Serrae Itatiaiae* (Minas Geraës Brasiliae) adjectis nonnullis speciebus affinibus regionum vicinarum (Extrait du Bulletin de l'Herbier Boissier. Tome VI ... 1898). Oct.
Publ.: Jan-Feb 1898 (in journal; Nat. Nov. Feb(1) 1898; pars 1: 1-31, pars 2: Mar(1) 1898), p. [1]-69. *Copies*: H, NY. – Reprinted and to be cited from Bull. Herb. Boiss. 6(1): 18-48. Jan 1898, 6(2): 89-126. Feb 1898.

6519. *Genera muscorum frondosorum.* Classes schistocarporum, cleistocarporum, stegocarporum complectentia, exceptis orthotrichaceis et pleurocarpis. Gattungen der Laubmoose in historischer und systematischer Beziehung, sowie nach ihrer geographischen Verbreitung unter Berucksichtigung der Arten. Handschriftlicher Nachlass von Dr. Carl Müller Hal. Professor. Mit einem Vorworte von Dr. Karl Schliephacke. Leipzig (Verlag von Karl Kummer) 1901. Oct. (*Genera musc. frond.*).
Preface: Karl Schliephacke (1834-1913).

Publ.: 28 Dec 1900-1 Jan 1901 (Nat. Nov. Nov(2) 1900 as "unter der Presse"; Jan(1) 1901, as published; adv. Bot. Zeit. 1 Jan 1901 "soeben erschienen"; Bot. Centralbl. 28 Dec 1900; p. vi: Dec 1900), p. [i*], [i]-vi, [1]-474. *Copies*: B, H, U.
Ref.: Correns, Bot. Zeit. 59(2): 52-53. 1901.
A. G., J. Bot. 39: 74-76. Feb 1901.
Holzinger, J. M., Bryologist 4: 28-30. 16 Apr 1901.

Mueller, Nicolaus Jacob Carl (1842-1901), German plant physiologist and morphologist; Dr. phil. Heidelberg 1866; from 1866-1872 Privat-Dozent at Heidelberg; from 1872-1901 at the Forestry College of Münden (Hannover). (*N. J. C. Muell.*).

HERBARIUM and TYPES: Unknown.

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Copy: MO.
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Müller, [Georg Ferdinand] **Otto** ["Otto"] (1837-1917), German diatomologist; book publisher in Berlin 1862-1901; Dr. h.c. Berlin 1897. (*O. Müll.*).

HERBARIUM and TYPES: Diatoms at B (3000). – Contributed to Cryptogamae exsiccatae editae a Museo Palatino Vindobonensi.

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Co-author: Gustav Theodor Fritsch (1838-?).
Publ.: Jul-Dec 1870 (p. [iv]: Jun 1870, p. [i-viii], *pl. 1-12* (photos). *Copy*: B.

Müller, Otto Friedrich [Frederik, Friderich, Fridrich] (1730-1784), Danish botanist, zoologist, theologian and linguist; cand. jur. Copenhagen 1760; private tutor to Sigismund Schulin at Frederiksdal; from 1771-1773 secretary to the Danish ministry for Norway; from 1773 financially independent by marriage and devoting himself exclusively to science; one of the editors of *Flora danica*. (*O. F. Müll.*).

HERBARIUM and TYPES: C.

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Orig.: 1763 (p. 6: 2 Mar 1763), p. [1]-70, *pl. 1-2* (col. or uncol. copp. engr.). *Copies*: MO (col. pl.), NY (uncol. pl.), Stevenson (uncol. pl.).
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Orig.: Aug-Dec 1767 (p. [vi]: 22 Jul 1766), p. [i]-xviii, [1]-238, [1-22, index], *pl. 1-2* (uncol.). *Copies*: FH, FI, G, H, MO, NY, USDA; IDC 5481.
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Müller, Philipp Jakob (Muller, Philippe Jacques) (1832-1889), Alsatian botanist (batologist) at Weissenburg am Rhein (Wissembourg); from 1872 with French nationality at Nyon (Waadt). (*P. J. Müll.*).

HERBARIUM and TYPES: LAU. – For his *Herbier normal des Rubus de France et d'Allemagne* see Müller (1860).

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Ref.: Anon., Flora 43: 48. 1860.

Müller, Theodor (1894-1969), German lichenologist; war-invalid World War I; working on the lichens of the Eiffel at Klein Vernich. (*Th. Müll.*).

HERBARIUM and TYPES: Pharmakogn. Inst. Bonn; further material at B, KR, STU and at Landesstelle für Naturschutz, Ludwigsburg.

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Müller, Walther Otto (1833-1887), German gardener and cryptogamist at Gera (Thüringen). (*W. O. Müll.*).

HERBARIUM and TYPES: Unknown; exsiccatae:
(1) *Cryptogamen-Herbarium der Thüringischen Staaten*, ser. 1-5, 1868-1869 (see BSbF 16(bibl.): 144. 1869), set at E.
(2) *Album der Cryptogamen-Welt*, ser. 1, 10 sheets, 1877.

(3) *Die Cladoniaceen von Norddeutschland,* nos. 1-50, Gera 1869 (see BSbF 16(bibl.): 240. 1870), set at BM.

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Co-author: Friedrich Oscar Pilling (1824-1897).
Publ.: Oct 1891-Nov 1893 (30 parts of *8 pl.* each), p. [i*], [i]-viii, *pl. 1-240* (col.). *Copies*: B, G, – For text see F. O. Pilling.
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Mueller, Wilhelm (fl. 1898), German botanist and high school teacher at Stettin. (*W. Muell. Stettin*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BFM 101; BM 7: 878; Tucker 1: 506.

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Münch, Ernst (1876-1946), German forest botanist and phytopathologist; Dr. phil. München 1909; at the München Forestry Institute 1904-1914; at the Berlin Biological Institute for Agriculture and Forestry 1914-1921; Professor of forestry botany at the Forestry College of Tharandt 1921-1933; at the Staatswirtschaftliche Fakultät München 1933-1946. (*Münch*).

HERBARIUM and TYPES: Unknown.

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Münchhausen, Otto, Freiherr **von** (1716-1774), German "Landdrost" (sheriff) at Hannover and Schwölbern where he created a large Landschaftspark. (*Münchh.*).

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1(3): 1765, p. [i-ii], [423]-661, [662, err.], *pl. 1-3* (uncol. copp.).
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3(1): 1767, [iii-x], p. [1]-238, p. x: Easter 1767.
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Muenscher, Walter Leopold Conrad (1891-1963), German-born American botanist; naturalized 1899; Ph. D. Cornell University 1921; teaching botany at Cornell 1916-1954. (*Muenscher*).

HERBARIUM and TYPES: CU, CUP; further material at F, GH, NEB, NYS, US, WTC. – *Exsiccatae*: with F. B. Wann, *North American myxomycetes,* fasc. 1, nos. 1-50. 1929.

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Co-author: Loren Clifford Petry (1887-?).
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Münster, Georg Graf zu (1776-1844), German financial administrator and palaeontologist at Bayreuth. (*G. Münster*).

COLLECTION: München.

BIBLIOGRAPHY and BIOGRAPHY: ADB 23: 27-29; Andrews p. 305; Barnhart 2: 526 (b. 17 Feb 1776); BM 3: 1373, 7: 878; CSP 4: 545-546, 8: 472; Frank 3(Anh.): 69; Quenstedt p. 308 (b. 17 Feb 1776); PR (ed. 1: 7307); TL-2/1: 719, 2084.
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COMPOSITE WORKS: See G. A. Goldfuss, *Petref. Germ.* 1826-1844, TL-2/2084.

EPONYMY: *Muensteria* Sternberg (1833).

6535. *Beiträge zur Petrefacten-Kunde* . . . Bayreuth (im Verlag der Buchner'schen Buchhandlung) 1839-1846, 7 Hefte. Qu. (*Beitr. Petref.-Kunde*).
1(ed. 1): 1839, p. [i-viii], [1]-124. *pl. 1-18,* [*19*].
1(ed. 2): 1843 (p. v: Mar 1843), p. [i-viii], [1]-129, *pl. 1, 1a, 2, 3, 3a, 4, 4a, 5, 5a, 6, 6a, 7-18* (uncol.).
2: 1839, p. [i-iii], [1]-88, *pl. 1-29.*
3: 1840, p. [i-iv], [1]-132, *pl. 1-2, 3/4, 5-20* (uncol.).
4: 1841, p. [i-v], [1]-152, *pl. 1-16.*
5: 1842, p. [i]-iv, [1]-131, *pl. 1-15.*
6: 1843, p. [i-iii], [1]-100, *pl. 1-14.*
7: 1846, p. [i]-iv, [1, cont.], [1]-66, *pl. 1-9,* frontisp. portr. author. Published by Rudolf Wilhelm Dunker (1809-1885).
Copies: MICH (1(ed. 2) & 5-7), PH, Teyler. – Münster was editor and, in part, author; other collaborators were August Heinrich Jac. von Althaus (1791-?), Ernst Friedrich Germar (1786-1853), Heinrich Röbert Göppert (1800-1884), Christian Erich Hermann von Meyer (1801-1869), Carl Theodor Ernst von Siebold (1804-1885), Franz Unger (1800-1870), Heinrich Ludolf Wissmann (1815-?).

Münter, Johann Andreas Heinrich August Julius (1815-1885), German botanist; Dr. med. Berlin 1841; physician at the Charité, Berlin 1845-1848; habil. Berlin 1848; from 1849 (extra ord.), 1851 (ordinary); later professor of botany and zoology at Greifswald; Geh. Regierungsrath 1884; published mainly on plant physiology (*Münter*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 475; Backer p. 383; Barnhart 2: 526; BM 3: 1373; Bossert p. 278; CSP 4: 547, 8: 472, 10: 882-883, 12: 526, 17: 413; Frank 3(Anh.): 69; Herder p. 467; Kew 4: 83; Langman p. 530; LS 18646-18650; Moebius p. 199, 287; Morren ed. 2, p. 7, ed. 10, p. 13; PR 6542-6546 (ed. 1: 7308-7309); Rehder 5: 600; Tucker 1: 506; Urban-Berl. p. 321.
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EPONYMY: *Muenteria* Walpers (1846); *Muenteria* B. C. Seemann (1865).

Muhlenberg, Rev. **Gotthilf Henry Ernest** (1753-1815) (Mühlenberg), American botanist, native of Pennsylvania; educated in Germany (1763-1770), Lutheran clergyman at Lancaster, Pa. 1780-1815. (*Muhl.*).

HERBARIUM and TYPES: PH; a separate collection; duplicates B, LIV, M, MO. Ferns at B-Willdenow. See also Mears 1978.

NAME: We follow Merrill and Hu (1949) in accepting Muhlenberg as the correct orthogra-

phy. M's father adopted the anglicized form Henry Melchior Muhlenberg for the original Heinrich Melchior Mühlenberg. His son invariably used the anglicized form; all letters seen by Merrill and Hu are signed merely as H. Muhlenberg.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 156, 4: 533; Backer p. 382; Barnhart 2: 523; BB p. 223; BM 3: 1364; Bossert p. 276; CSP 4: 503; DAB; Desmond p. 454; Dryander 3: 185; Frank 3(Anh.): 68; GR p. 194, *pl.* [43], cat. p. 68; Hawksworth p. 184; Herder p. 225, 276; Hortus 3: 1200 ("Muhlenb."); Jackson p. 584; Kew 4: 75; Langman p. 528; Lasègue p. 319; Lenley p. 301; LS 18408-18410; ME 1: 214, 3: 629 [index]; Pennell p. 614; PH 129, 364; PR 6503-6504 (ed. 1: 7261-7262); Rehder 5: 595; SBC p. 127 ("Muhl."); SO add. 802f, add. 802g; SK 1: cciii; Stevenson p. 1252; SY p. 45; TL-1/900-901, 1245; TL-2/910, 1234, 3826, see index; Tucker 1: 503, 506-507; Urban-Berl. p. 377, 415; Zander ed. 10, p. 695, ed. 11, p. 793.

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HANDWRITING: Bartonia 28: *pl. 6.* 1957; Proc. Amer. philos. Soc. 106(5): 444, 449, 450. 1962, 122(3): 164 (fig. 5), 166 (fig. 7, bottom).

EPONYMY (genus): *Muhlenbergia* Schreber (1789); (journal): *Muhlenbergia,* a journal of botany. Los Gatos, Cal. Vol. 1-9. 1900-1915.

6536. *Catalogus plantarum Americae septentrionalis,* hucusque cognitarum indigenarum et cicurum: or, a catalogue of the hitherto known native and naturalized plants of North America, arranged according to the sexual system of Linnaeus ... Lancaster (printed by William Hamilton) 1813. Oct. (in fours). (*Cat. pl. Amer. sept.*).
Ed. 1: late Sep or early Oct 1813 (TL-1), p. [i]-iv, [1]-112. *Copies*: G, MO, NY, US, USDA; IDC 6088.
Ed. 2: 1818 (deposited 27 Feb 1818), p. [i]-iv, [1]-122. *Copies*: G, H, MO, NY, US – "Second edition, corrected and enlarged," (published by Solomon W. Conrad, ...) Oct. (in fours).
"There is much confusion in entries as between the original edition of 1813 and the second one of 1818, a peculiarly high percentage of entries in "Index kewensis" being to the second edition rather than to the original one of 1813" (Merrill & Hu, 1949). – For a "reduction" of the genera to A.L.de Jussieu's system see Corrêa da Serra, *Reduct. gen. cat. pl. Amer.* 1815, TL-2/1234.

6537. *Descriptio uberior graminum* et plantarum calamariarum Americae septentrionalis indigenarum et cicurum ... Philadelphiae (Impensis Solomon W. Conrad, ...) 1817. Oct. (in fours). (*Descr. gram.*).
Publ.: Jul-Nov 1817 (p. ii: Jul 1816; see Merrill and Hu 1949), p. [i*-ii*], [i]-ii, [1]-295. *Copies*: FI, H, L, M, MO, NY, US(2), USDA. – See Rafinesque (1817) for a review and Merrill and Hu (1949) for an extensive commentary.
Ref.: Rafinesque, C. S., Am. monthly Mag. crit. Rev. 2: 143-144. Dec 1817.
Lubrecht, H., Early Amer. bot. Works 1967 (no. 100).

6538. *Über die nordamerikanischen Weiden,* Ges. Naturf. Freunde Berlin Neue Schr. 4 (no. 14): 233-242. 1803.
Co-author: Carl Ludwig Willdenow (1765-1812).
Publ.: after 3 Mai 1803, probably late 1803 or early 1804.
Ref.: Konig, C. et J. Sims, Ann. Bot. 2: 62-69. 1806.
Fernald, M. L., Rhodora 48: 13-14. 1946.

Muir, John (1838-1914), Scottish-born American conservationist, botanist and explorer of California and Alaska. (*J. Muir*).

HERBARIUM and TYPES: Some material at MO. – *Note*: The entry in IH 2: 567 is a combination of collections by John Muir of California (1838-1914) and Dr. John Muir of South Africa (1874-1947, also born in Scotland; Dr. med. Edinburgh 1896; to S. Africa 1896, see e.g. E. C. Nelson, J. S. Afr. Bot. 44(2): 187-200. 1978). For Thomas Muir (1833-1926) who collected for F. von Mueller see e.g. Desmond, p. 455.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 526; BL 1: 132, 310; BM 3: 1374; Bossert p. 276;

CSP 8: 454, 10: 884, 17: 415; DAB (by Wm. F. Badè) 13: 314-317; Desmond p. 455; IH 2: 567; Plesch p. 344; Rehder 5: 601; Tucker 1: 507.
Anderson, M. B., Amer. Mus. J. 15(3): 117-121. 1915 (obit., portr.).
Anon., Who was who 1897-1916: 512; Mazama 2(2): 92-93. 1901 (obit., portr.).
Badé, W. F., Science ser. 2. 41: 353-354. 1915 (obit.); The life and letters of John Muir, Boston and New York 1924, 2 vols., Mich., ix, 399 and 454 p. (portr.; b. 21 Apr 1838, d. 24 Dec 1914).
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Muir, J., West of the Rocky Mountains, New York 1888, reprint Philadelphia ca. 1976; The cruise of the Corwin. Journal of the Arctic expedition of 1881 in search of DeLong and the Jeannette. Edited by W. F. Badé, Boston 1917, xxxi, 238 p; The story of my boyhood and youth, with a foreword of Vernon Carstensen, Madison 1965, xviii, 227 p.; Rambles of a botanist among the plants and climates of California. Los Angeles, Calif. 1974, 43 p. (portr., introd. by William F. Kimes on p. 11-13).
Nelson, E. C., J. S. Afr. Bot. 44(2): 187-200. 1978 (corr. Muir/Matilda C. Knowles).
Norman, C., John Muir, father of our national parks. New York, 1957, 191 p.
Rodgers, A. D., Amer. bot. 1873-1892, p. 333 [index]. 1944.
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Strother, J., Worlds work 17: 11355-11358. 1909 ("Three days with John Muir").
Sutton, S. B., Charles Sprague Sargent 378 [index]. 1970.
Teale, E. W., The wilderness world of John Muir, with an introduction and interpretive comments. Boston 1954, xx, 332 p.
Note: For further biographical references see Joseph, B. & C. W. Squires, eds., Biography index 1: 682. 1949, 2: 702-703. 1953, 3: 683. 1956, 4: 599. 1960, 5: 522. 1962, 6: 422. 1965, 8: 485-486. 1971.

EPONYMY: *Muirella* R. Sprague (1959). – The John Muir Memorial Park and Muir's Lake, Wisconsin, U.S.A. – *Muiria* C. A. Gardner (1933) is named after "Sir Thomas Muir of Warungu, Morden [Australia], who accompanied me on the two occasions when this plant was collected." *Muiria* N. E. Brown (1927) was named after a John Muir (and his daughter Hortense Muir) who was still alive in 1927 and who sent living material of the plant concerned to the author.

POSTAGE STAMPS: U.S.A. 5 c. (1964) yv. 760.

6539. *The cruise of the Corwin* journal of the Arctic expedition of 1881 in search of De Long and the Jeannette . . . edited by William Frederic Badè. Boston and New York (Houghton Mifflin Company . . .) 1917. Oct. (*Cruise Corwin*).
Publ.: Nov 1917, p. [i]-xxxii, [1]-279. *Copy*: MICH.
Reprint: s.d. p. [i]-xxxii, [1]-303, [304]. *Copy*: NY.

Mulder, Nicolaas "Claas" (1796-1867), Dutch botanist; Dr. med. Leiden 1818; practicing physician at Makkum 1818-1822; professor of botany, chemistry and pharmacy at the Francker Athenaeum 1822-1841; professor of chemistry at Groningen 1841-1852, id. natural history 1852-1866. (*Mulder*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Aa 12(2): 1118; Barnhart 2: 527; BL 2: 440, 694; BM 3: 1374, 7: 880; Bossert p. 277; CSP 4: 503-504, 8: 454; Herder p. 73, 146, 392; JW 1: 451, 2: 197, 3: 363, 4: 399, 5: 297 (q.v. for many local refs.); Oudemans 2(2): 245; PR 6548 (ed. 1: 7313); Rehder 5: 601.
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Breure, A. S. H. & J. G. de Bruijn, eds., Leven werken J. G. S. van Breda 59, 160, 270, 292, 309, 361. 1979.
Ermerins, J. W., Jaarb. Kon. Akad. Wet., Amsterdam 1867: 1-21 (éloge, bibl., b. 6 Oct 1796, d. 4 Mai 1867).

EPONYMY: *Muldera* Miquel (1839) is dedicated to Gerrit Jan Mulder (1802-1868), Dutch scientist; professor of chemistry at Utrecht (1840-1868).

6540. Nicolai Mulder, leovardia-frisii, medicinae in Acad. Lugd. bat. candidati, *Elenchus plantarum*, quae prope urbem Leidam nascuntur; in certamine literario civium academiarum belgicarum, die viii mensis februarii a. mdcccxvii, ex sententia ordinis disciplinarum mathematicarum et physicarum Academiae Lugduno-batavae, praemio ornatus. Lugduni batavorum (apud S. et J. Luchtmans, academiae typographos) 1818. Qu. (*Elench. pl.*).
Publ.: 1818, p. [i], [1]-127. *Copies*: KNAW, NY. – We have seen no copy with an 1817 imprint.

Muller [before 1937: Mueller], **Cornelius Herman** (1909-x), American ecologist and botanist at the University of Texas and later at Santa Barbara; A.M. Univ. Texas 1933; specialist on *Quercus* (*C. Mull.*).

HERBARIUM and TYPES: UCSD; for duplicates see IH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 527; BL 1: 216, 310; IH 2: 566; Langman p. 530-531; Roon p. 81.
Knobloch, I. W., The plant collectors of Northern Mexico 46. 1979.
McVaugh, R., Contr. Univ. Mich. Herb. 9: 284. 1972 (Mexican itin.).

Muller, (Pierre) **Félix** (Müller) (1818-1896), Belgian botanist. (*F. Mull.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 36, 694; BM 3: 1374, 4: 1578; Jackson p. 272; Morren ed. 10, p. 44; PR 6508; Rehder 5: 602.
Anon., Nat. Nov. 18: 462. 1896 (d. 3 Sep 1896).

EPONYMY: *Mulleripollis* S. K. Baksi & V. Deb (1976) is dedicated to Jan Muller (1921-x), contemporary palynologist; *Mulleroxylon* V. M. Page (1970) is named after Siemon Muller, contemporary palaeobotanist at Stanford University.

6541. *Flore analytique du centre de la Belgique* par Louis Piré ... et Félix Muller ... Bruxelles (Comptoir universel d'imprimerie et de librairie, Victor Devaux et Cie., ...) 1866. Oct. (*Fl. centre Belgique*).
Senior author: Louis Alexandre Henri Joseph Piré (1827-1887).
Publ.: Jul-Dec 1866 (p. viii: 11 Jun 1866), p. [i]-x, [1-2, err.], [1]-299, [300, err.]. *Copies*: G, NY.

Munby, Giles (1813-1876), British botanist; studied at Edinburgh and in Paris (under Adrien de Jussieu); in Algeria 1839-1861. (*Munby*).

HERBARIUM and TYPES: K, YRK (Brit.). For duplicates see IH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 528; BB p. 224; BM 3: 1376; Bossert p. 277; CSP 4: 542, 8: 470, 12: 527; Desmond p. 455-456; DNB 39: 289; Herder p. 218; Hortus 3: 1200 ("Munby"); IH 2: 570; Jackson p. 347, 348, 585; Kew 4: 89; Lasègue p. 314; PR 6550-6551 (ed. 1: 7316); Rehder 5: 602; Tucker 1: 507.
Anon., Bot. Not. 1877: 60 (d. 12 Apr 1876); Bot. Zeit. 34: 687. 1876; Bull. misc. Inf. Kew 1894: 194 (portr. at K); Bull. Soc. bot. France 23(bibl.): 46, 96. 1876; J. Bot. 14: 160. 1876; Trans. bot. Soc. Edinb. 13: 12-14. 1879.
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Cosson, E. et Durieu, Expl. Sci. Algérie, Botanique 2: xxxviii-xxxix. 1868.
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Hooker, J. D., Gard. Chron. ser. 2. 5: 539. 1876, ser. 2. 6: 260-262. 1876 (portr.).
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Wittrock, V. B., Acta Horti Berg. 3(3): 81, *pl. 146*. 1905 (portr.).

EPONYMY: *Munbya* Boissier (1849); *Munbya* Pomel (1860).

6542. *Flora de l'Algérie* ou catalogue des plantes indigènes de royaume d'Alger, accompagné des descriptions de quelques espèces nouvelles ou peu connues, par G. Munby, colon d'Alger . . . Paris (J.-B. Baillière, . . .), Alger (Bastide, . . .), Montpellier (Ls Castel, . . .) 1847. Oct. (*Fl. Algérie*).
Orig. issue: Jan-Mai 1847 (p. viii: Dec 1846; Bot. Zeit. Jun 1849), p. [i]-xvi, [1]-120, *pl. 1-6* (all uncol. liths. by auct.). *Copies*: G, MO, US, USDA; IDC 6197. – Also reissued with a cover provided with a sticker Paris (Victor Masson, . . .) 1847.
Re-issue: Jun 1847, cover, p. 1-4 prosp. Expl. Sci. Alg., [i]-xvi, [1]-120, *pl. 1-6, 1* (id.). *Copies*: G(2), L, USDA. – "Deuxième tirage, accompagnée de 7 planches", Paris (Victor Masson) Juin 1847. The reissue differs only because of a new cover and the addition of a prospectus on the Expl. Sci. Alg.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 7: 409-410, 424-430. Jun 1849.

6543. *Catalogus plantarum in Algeria spontè nascentium* Oran (Ex typis Ad. Perrier, . . .) 1859. Oct. (in fours). (*Cat. pl. Algeria*).
Ed. 1: Jan 1859 (BSbF rd. 28 Jan 1859; Flora 28 Jun 1859; p. ii: 30 Dec 1858), p. [i*], [i]-ii, [1]-35, [1, suppl.]. *Copies*: G(2).
Ed. 2: Sep-Dec 1866 (p. iv: Aug 1866; Bot. Zeit. 25 Jan 1867; J. Bot. Mar 1867; Nat. Nov. Feb(1) 1867; Flora 11 Apr 1868), p. [i]-iv, [1]-42. *Copies*: G(2), NY, US, USDA. – Londini (apud Taylor et Francis) 1866. Oct. (in fours).
Ed. 2, reissue(?): 1878 (fide Nat. Nov. Feb(2) 1879).

Mundkur, Bhalchendra Bhavanishankar (1896-1952), Indian botanist; Ph. D. Iowa State 1930; mycologist with the Imperial Institute of Agricultural Research, Pusa, later deputy plant protection adviser, ministry of agriculture, India; ultimately at Poona. (*Mundk.*).

HERBARIUM and TYPES: BLAT; other material at C, IARI, IMI.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 528; Hawksworth p. 184; IH 1 (ed. 6): 362; LS suppl. 19245-19246; Stevenson p. 1252.
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Anon., Taxon 1: 83. 1952.
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Munro, Sir **William** (1818-1880), British botanist in the Indian colonial army; collected in Barbados (1870-1875), Crimea and India (*Munro*).

HERBARIUM and TYPES: K; further material at DD, E, GRA and OXF. Correspondence and mss. also at K.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 384; BB p. 224; BM 3: 1378; Bossert p. 278; Bret. p. 814; Clokie p. 216; CSP 4: 545, 8: 471, 12: 527; Dawson p. 625; Desmond p. 456; DNB 39: 313; Herder p. 276; Hortus 3: 1200 ("Munro"); IH 2: 571; Jackson p. 451; Kew 4: 90; MW p. 339; Plesch p. 344; PR 6555; Rehder 5: 602; SO 3467; Tucker 1: 507; Zander ed. 10, p. 695, ed. 11, p. 793.
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6545. *Hortus agrensis* or catalogue of all plants found wild or cultivated in the neighbourhood of Agra and the surrounding country ... Agra (printed by E. H. Longden at the Orphan Press) 1844. Fol. (*Hort. agrens.*).
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Ref.: Raphael, S., Biol. J. Linn. Soc. 2: 76. 1970 (date journal).

Munson, Thomas Volney (1843-1913), American grape breeder at Denison, Texas (*Munson*).

HERBARIUM and TYPES: US (p.p. with C. L. Hopkins) duplicates F, MO.

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6546a. *Classification and generic synopsis of the wild grapes of North America* ... Washington (Government Printing Office) 1890. (*Class. grapes N. Amer.*).
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Munting, Abraham (1626-1683), Dutch botanist, professor of medicine at Groningen, 1658-1683. (*Munting*).

HERBARIUM and TYPES: Some material at OXF.

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NOTE: We regret to have to leave the books of this author out of account for reasons of space; their impact onLinnaean and post-Linnaean botany was relatively small notwithstanding their great historical value.

Munz, Philip Alexander (1892-1974), American botanist in Southern California, long-time director of the Santa Ana Botanic Garden; Dr. phil. Cornell 1917; professor of botany at Pomona College 1917-1944; id. Cornell University 1944-1946; botanist and director of the Rancho Santa Ana Botanic Garden from 1946 (*Munz*).

HERBARIUM and TYPES: POM, RSA; for duplicates see IH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 530; BL 1: 158, 310; BM 7: 884; Bossert p. 278; Hirsch p. 207; Hortus 3: 1200 ("Munz"); IF suppl. 4: 333; IH 1 (ed. 6): 362, 2: 571-572; Langman p. 533; Lenley p. 301; MW suppl. p. 240; NAF ser. 2. 2: 166, 5: 249; NW p. 53; Pennell p. 615; PH 150, 209, 226, 939; Roon p. 81; Tl-2/1: 781; Zander ed. 10, p. 695, ed. 11, p. 793.
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Ref.: Hastings, G. T., Torreya 35(3): 70-71. 26 Jun 1935.

Murbeck, Svante Samuel (1859-1946), Swedish botanist; Dr. phil. Lund 1891; lecturer

in botany at Lund 1891-1892; curator at Riksmuseum Stockholm 1892-1893, teacher at Alnarps agricultural College 1897-1902; professor of botany at Lund 1902-1924; discovered parthenogenesis in *Alchemilla*; botanical explorer of the Mediterranean, specialist on *Verbascum*. (*Murb.*).

HERBARIUM and TYPES: LD. For further collections see IH. *Exsiccatae*: (1) *Violae Sueciae exsiccatae*, fasc. 1-2, Lund 1886-1892, 30 and 30 nos. (with L. M. Neuman and L. J. Wahlstedt); (2) *Plantae selectae e flora Africae borealis*, Lund, 1907, 59 nos.

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6549. *Contributions à la connaissance de la flore du nord-ouest de l'Afrique* et plus spécialement de la *Tunisie* ... Lund (1-4: Impr. E. Mulström; ser. 2(1-2): impr. Håkan Ohlsson) 1897-1905, 6 parts. Qu. (*Contr. fl. nord-ouest Afrique*).
Publ.: a series of papers published in Lunds Universitets Årsskrift (LUA) with independent pagination.
1: late 1897 (ÖbZ Nov 1897; Bot. Centralbl. 20 Jan 1898; Nat. Nov. Jan(2) 1898; Bot. Zeit. 16 Jan 1898; J. Bot. 1898), p. [i*], [i]-vi, [1]-126, *pl. 1-6*. (LUA afd. 2.33(12)).
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3: Nov-Dec 1899 (p. 30: 7 Nov 1899), p. [i], [1]-30, [1-2], *pl. 10-12* (LUA id. 35(3)).

4: Jan-Jun 1900 (p. 34: 2 Jan 1900; Flora 30 Jun 1900; Nat. Nov. Oct(1) 1900), p. [i], [1]-34, [1-4], *pl. 13-15* (LUA 36(1)). – 3 and 4 also issued under a single cover "1899-1900".
Deuxième série, *1*: Dec 1905 (p. 40: 1 Dec 1905; Nat. Nov. Oct(2) 1905), p. [1]-40, *pl. 1-7* (LUA n.f. afd. 2.1(4)).
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6554. *Die Vesicarius-Gruppe der Gattung Rumex* ... Mit zwei Tafeln. Lund (Håkan Ohlssons Buchdrukerei). 1907. Qu. (*Vesicarius-Gruppe Rumex*).
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Publ.: shortly after 30 Apr 1915 (date of printing), p. [1]-17. *Copies*: H, PH. – Issued and to be cited as Lunds Univ. Arsskr. ser. 2. afd. 2. 11(8), 1915. See also Bot. Not. 1915: 92-96.

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1: 1922 (mss. presented 12 Apr. 1922), p. [1]-76, *pl. 1-12*. – Lunds Universitets Årsskrift n.f. Avd. 2. 18(3).
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Murchison, Roderick Impey (1792-1871), British palaeontologist; director of the British geological survey. (*Murch.*).

HERBARIUM and TYPES: Unknown. Palaeobotanical material at BM.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 305-306; BM 3: 1379-1380, 7: 885; CSP 4: 548-553, 8: 472-473, 12: 527, 17: 426; DNB 3: 317; Herder p. 55; ME 2: 343; PH 567; Quenstedt p. 306; Rehder 5: 603.
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EPONYMY: *Murchisonites* H. R. Göppert (1860).

Murillo, Adolfo (1840-1899), Chilean botanist and physician; professor of gynecology at the University of Santiago (*Murillo*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 1: 245, 310; BM 3: 1380; CSP 17: 427; Rehder 5: 603; Tucker 1: 508.
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Murith, Laurent Joseph (1742-1818), Swiss clergyman and botanist in Wallis (Valais), "chanoine regulier du St. Bernard, prieur de Martigni." ordained 1766, curate at Liddes 1778, prior of Martigny 1791. (*Murith*).

HERBARIUM and TYPES: Unknown. Some material at NA.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 68; Backer p. 385; Barnhart 2: 530; BM 3: 1380; Hegi 4(2): 1010, 6(2): 1266; Hortus 3: 1200 (d. 1816) ("Murith"); Jackson p. 345; Kew 4: 93; PR 6563 (ed.) 1: 7328); Rehder 5: 603.
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Quarto ed. 1810, p. [i]-viii, [1]-107, [108, add.], [1, err.]. *Copies*: FI, G, NY.
Duod. ed.: 1810, p. [i*-iii*], [i]-xii, [1]-151. *Copy*: G. – "Le guide de botaniste qui voyage dans le Valais, par Mr. Murith, ... Lausanne (Chez Henri Vincent) 1810. Duod.

Murphy, Edmund (1828-1866), Irish horticulturist and botanist; professor of horticulture, Queen's College, York 1849. (*Murphy*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 531; BB p. 224; BM 3: 1380; CSP 4: 554; Desmond p. 456; Jackson p. 196; Kew 4: 94; PR 6564 (ed. 1: 7329).
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Orig. issue: 1844 (p. viii Aug 1844), p. [i]-x, [xi-xii], [13]-84, *12 pl.* (uncol.). *Copy*: USDA. – BM 3: 1382 reports coloured plates.
Other issue: 1846, p. [i]-x, [xi-xii], [13]-84. *Copy*: National Library of Scotland (no plates reported; inf. J. Edmonston). – Dublin (James McGlashan, ...), London (William S. Orr & Co.).

Murr, Josef (1864-1932), Austrian botanist and high school teacher at Hall (1888-1890), Innsbruck (1890-1891), Marburg (1891-1894). Linz (1894-1897), Trient (1897-1906), Feldkirch (1906-1919), ultimately at Innsbruck. (*Murr*).

HERBARIUM and TYPES: Material at B, BREG, C, E, GB, IBF, LE, OXF, PAE.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 818, 12(2): 724; Barnhart 2: 531; BFM 828, 830, 836, 1269, 1270, 3210; BJI 2: 121; BL 2: 404, 694; BM 3: 1381; Clokie p. 216; CSP 12: 528, 17: 428-429; DTS 1: 204-209 (bibl.!), 6(4): 171-181 (id.); GR p. 456; Hegi 4(3): 1453, 5(4): 2322, 6(2): 1292; IH 1(ed. 6): 62, 2: 573; Kew 4: 94; LS suppl. 19311-19316; MW p. 340; NI (alph.); Quenstedt p. 306; Rehder 5: 603; Saccardo 2: 77.
Anon., Achivio bot., Forli 8: 352. 1932 (d. 4 Jan 1932; obit.); Bot. Centralbl. 48: xviii, 63. 1891 (app. Marburg), 71: 384. 1897 (id. Trient); Nat. Nov. 19: 548. 1897 (app. Trient); Österr. bot. Z. 41: 360. 1891 (app. Marburg), 47: 415. 1897 (app. Trient), 57: 335. 1906 (app. Feldkirch); 81: 80. 1932 (d.).
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6562. *Die Pflanzenwelt in der griechischen Mythologie* ... Innsbruck (Verlag der Wagner'schen Universitäts-Buchhandlung) 1890. Oct. (*Pfl.-Welt griech. Mythol.*).
Publ.: Apr-Jun 1890 (Nat. Nov. Jun(2) 1890; Bot. Zeit. 27 Jun 1890; ÖbZ Jun 1890; J. Bot. Sep 1890), p. [i]-viii, [1]-323, [324, Nachtr.]. *Copy*: MO.

6563. *Neue Uebersicht über die Farn- und Blütenpflanzen von Vorarlberg und Liechtenstein* mit Hervorhebung der geobotanischen Verhältnisse und mit Berücksichtigung der Nachbargebiete ... Bregenz (Kommissionsverlag: Buchhandlung F. Unterberger, Feldkirch ...) 1923-1926, 3 parts (in 4). Oct. (*Neu. Übers. Bl.-Pfl. Vorarlberg*).
1: Jan-Apr 1923 (Nat. Nov. Mai 1923), p. [i]-xxiv, [1]-144, [1-4], *pl.* [*1-5*] & [*1-6*].
2: 1923 (Nat. Nov. Nov 1923), [xxv]-xxxii, [145]-288, *pl.* [*1-2*] & *7-17*.
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3(*2*): Jan-Mai 1926 (Kneucker 25 Mai 1926; US rd. 20 Nov 1926; p. xliv: 10 Nov 1925), p. [xli]-xlvii, [401]-507, *pl.* [*1-4*].
Copies: FI, H, US. – Published as Sonderschriften herausgegeben von der naturwissenschaftlichen Kommission des Vorarlberger Landesmuseums nos. 1-3.

Murray, Alexander (1798?-1838), Scottish physician and botanist at Aberdeen. (*Al. Murray*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 531; BB p. 224-225; BL 2: 293, 694; BM 3: 1381; CSP 4: 554, 10: 891, 12: 528; Jackson p. 246; Kew 4: 94; PR 6565 (ed. 1: 7331); Rehder 5: 603; TL-2/1: 843; Tucker 1: 508.
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Fletcher, H. R., R. Bot. Gard. Edinburgh 96. 1970.

6564. *The northern flora*; or, a description of the wild plants belonging to the North and East of Scotland with an account of their places of growth and properties ... part i. Edinburgh (Adam & Charles Black), Aberdeen (A. Brown & Co. and G. Clark and Son), London (Smith, Elder & Co.) 1836. Oct. † (*North. Fl.*).
Authors of appendices: Francis Adams (1796-1861, p. i-iv) and James Farquharson (1781-1843, p. v-xiv).
Publ.: Sep 1836 (p. xvii: 10 Aug 1836, ... just appeared, Hooker, Comp. Bot. Mag. 1 Oct 1836), p. [i]-xvii, [1]-150, [iii]-xiv, facsimile of letter by Linnaeus, [xv]-xvi, index. *Copies*: G, NY.

Murray, Andrew (1812-1878), Scottish entomologist and botanist; trained to be a lawyer and practicing at Edinburgh until 1860; from 1861-1864 assistant-secretary to the Royal Horticultural Society in London. (*Andr. Murray*).

HERBARIUM and TYPES: Material at E from California (probably collected by his brother William Murray (*fl.* 1860)).

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 211; Backer p. 385; Barnhart 2: 531; BB p. 225; BM 3: 1381, 7: 886; Bossert p. 278; CSP 4: 554-556, 8: 475-476, 10: 891, 12: 529; Desmond p. 457; DNB 39: 349; Herder p. 55, 293, 381; Hortus 3: 1200 ("Murr., A."); IH 2: 573; Jackson p. 585, 10, 45, 88; Kew 4: 94; Langman p. 534; ME 3: 484, 486; Morren ed. 10, p. 24; MW p. 340; NI (alph.); PH 1; PR 6566; Rehder 5: 603; Tucker 1: 508; Zander ed. 10, p. 695-696, ed. 11, p. 793.
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Marseul, S. de, ed., L'Abeille 21: 106-107. 1883 (bibl.).
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6565. *Botanical expedition to Oregon* ... Edinburgh 1849-1859, 11 pamphlets. (*Bot. Exped. Oregon*).
Collector: John Jeffrey (1826-1854), see TL-2/2: 434 for further details.

1: 1849 (minutes of meeting 22 Nov 1849), 1 p., entitled "Minute of meeting of gentlemen interested in the promotion of the arboriculture and horticulture of Scotland." Signed by J. H. Balfour, chairman.
2: 10 Nov 1850 (p. [1] so dated), p. [1]-2. "*Botanical expedition to Oregon*" signed by Andrew Murray.
3: 1851 (minute meeting 29 Sep 1851), p. [1]-3. "*Botanical* ..." signed by J. H. Balfour.
4: 4 Sep 1852 (p. [1] so dated), p. [1]-4. "*Botanical* ..." signed by Andrew Murray.
5: 5 Oct 1852 (id.), p. [1]- [4]. "*Botanical* ... signed by Andrew Murray.
6: 16 Apr 1853 (id.), p. [1]-3. "*Botanical* ..." unsigned; notes by John Jeffrey.
7: 18 Jun 1853 (id.), p. [1-2]. "*Botanical* ..." signed by Andrew Murray.
8: 1853 (undated), p. [i], [1]-2, *pl.* [*1-5*]. "*Botanical* ..." signed by Andrew Murray.
9: 24 Mar 1854 (so dated on p. [1]), p. [i],[1]-2. "*Botanical* ..." signed by Andrew Murray.
10: 10 Jan 1857 (p. 2), p. [1]-2. "Oregon Botanical Association" signed by Andrew Murray.
11: 30 Mai 1859, p. [1]. "Oregon Botanical Association", signed by Andrew Murray.
Copy: USDA.

6566. *The pines and firs of Japan* ... London (printed by Bradbury & Evans, ...) 1863. Oct. (*Pines firs Japan*).
Publ.: Sep-Dec 1863 (p. 4: Sep 1863; "Neu", Flora 7 Mai 1864), p. [1]-123, [124]. *Copies*: MO, NY. – "Reprinted (with additions and corrections) from the Proceedings of the Royal Horticultural Society (1862)." (Proc. Hort. Soc. 2: 265-292. Apr, 347-357. Mai, 409-432. 1 Jul, 496-512. 1 Aug, 633-652. Sep, 719-725. 1 Nov 1862.
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Murray, George Robert Milne (1858-1911), British cryptogamist; pupil of de Bary; assistant (1876-1895) and keeper of the Department of Botany of BM(NH) 1895-1905; naturalist on the West Indian Eclipse Expedition of 1886; scientific director, National Antarctic Expedition "Discovery" 1901 (organisation only). (*G. Murray*).

HERBARIUM and TYPES: BM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 532; BB p. 225; BM 3: 1381-1382, 7: 886; Bossert p. 279; CSP 10: 891, 17: 429-430; Desmond p. 457; De Toni 1: lxxxix, 2: lxxxiv, 4: xl; DNB suppl. 2.2: 667; DSB 9: 587-588 (bibl.); GR p. 407-408; Herder p. 116; IH 2: 573; Kelly p. 156; Kew 4: 95; Lenley p. 302; LS 18676-18688, suppl. 19319; Moebius p. 79; NI (alph.); Tl-2/1: 1210.
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6567. *A handbook of cryptogamic botany* by Alfred W. Bennett, ... and George Murray, ... London (Longmans, Green, and Co.), New York (id.) 1889. Oct. (*Handb. crypt. bot.*).
Co-author: Alfred William Bennett (1833-1902).

Publ.: Jan-Mar 1889 (p. vi: Dec 1888; Nat. Nov. Mar(2) 1889; Bot. Gaz. Aug 1889; J. Bot. Apr 1889), p. [i]-viii, [1]-473. *Copy*: NY.
Ref.: Myles, P. W., J. Bot. 27: 277-286. Sep 1889.
Moebius, M., Bot. Centralbl. 40: 135-138. 1889 (q.v. for M's terminology).

6568. *Catalogue of the marine algae of the West Indian region* . . . London (Dulau & Co.) 1889. Oct. (in fours).
Publ.: Jul 1888-Oct 1889 (in journal; Nat. Nov. Feb(2) 1890; J. Bot. Dec 1889), p. [i], [1]-46, *pl. 284, 288*, uncol. liths. by R. Morgan. *Copies*: B, FH, MO. – Originally published and to be cited from J. Bot. 1888/89 as follows: 26: 193-196, Jul 1888, 237-243. Aug 1888, 303-307. Oct 1888, 331-338, *pl. 284*. Nov 1888, 358-363. Dec 1888, 27: 237-242. Aug 1889, 257-262. Sep 1889, 298-305. Oct 1889.

6569. *Phycological memoirs* being researches made in the Botanical Department of the British Museum. Edited by George Murray . . . London (Dulau and Co, . . .) 1892-1895, 3 parts. Qu. (*Phycol. mem.*).
1: Apr 1892 (cover), p. [i]-viii, [1]-28, *pl. 1-8* (partly col. liths. by Berjeau and Highley).
2: Mai 1893 (cover), p. 29-69, [70], *pl. 9-16*, id.
3: Apr 1895 (cover), p. 71-98, *pl. 17-20*, id. *Copies*: B, NY, US.

6570. *An introduction to the study of seaweeds* . . . London (Macmillan and Co.), New York (id.) 1895. Oct. (*Intr. stud. seaweeds*).
Publ.: 1895 (Bot. Centralbl. 23 Oct 1895; J. Bot. Dec 1895; Bot. Gaz. Dec 1895; Hedwigia Jan-Feb 1896; Bot. Zeit. 16 Feb 1896), p. [i]-xvi, [1]-271, *pl. 1-8* with text (col.). *Copies*: NY, US, USDA.
Ref.: Johnson, T., J. Bot. 33: 380-382. Dec 1895.
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Murray, Johan Andreas (Anders) (1740-1791), Swedish botanist; pupil of Linnaeus 1756-1760; studied at Göttingen 1760-1763; Dr. med. ib. 1763; professor of medicine and botany at Göttingen 1764 (ordin. 1769)-1791. (*J. A. Murray*).

HERBARIUM and TYPES: Murray's herbarium was first in the hands of the Linnean Society but sold at auction on 10 Nov 1863 and split up. A set of 4000 specimens is at K; 167 specimens are at LINN; further material at B, BM, E, G and H.

BIBLIOGRAPHY and BIOGRAPHY: ADB 23: 80-81; AG 1: 211; Backer p. 385; Barnhart 2: 532; BM 3: 1382, 7: 886; Bossert p. 279; Bret. p. 274; CSP 8: 476; Dawson p. 17, 112, 252, 523, 626-628; Dryander p. 365 [index]; Frank 3(Anh.): 69; GR p. 475; Hegi 5(1): 54; Henrey 2: 132; Herder p. 186; Hortus 3: 1200 ("Murr., J."); IH 2: 574; Jackson p. 111; JW 4: 399; KR p. 511-513; Langman p. 534; Lasègue p. 37, 323; Moebius p. 416; MW p. 340; PR 6567-6576 (ed. 1: 7336-7345); Rehder 5: 603; RS p. 121; SBC p. 128 ("Murr."); SO 450, 556, 573, 583, 589a, 608, 686-689, add. 2605a; TL-1/373, 714 (ed. 13, 14, 15), 902-903, 964, 1039; TL-2/1823, 3235, 3249, 3387, 3493; see Bergius, P. J.; Tucker 1: 509; Urban-Berl. p. 377; Zander ed. 10, p. 695, ed. 11, p. 793.
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Hedge, I. C., Taxon 7: 145-146. 1958 (material at E).
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J. M. Hulth, Bref. Skrifv. Linné 2(1): 48, 137, 139, 140, 261, 311. 1916.
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O., Dict. Sci. méd., Biogr. méd. 6: 309-310. 1824.
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Wikström, J. E., Consp. lit. Suec. 201-203. 1831.
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COMPOSITE WORKS: (1) Editor *Medizinisch-praktische Bibliothek* (1774-1781).
(2) Editor of Caroli a Linné ... *Systema vegetabilium ... editio decima tertia*, Göttingen Gotha 1774. N. B. the new taxa in this work must be attributed to Linnaeus; Murray was simply editor. "Editio decima tertia accessionibus et emendationibus novissimis manu perillustris auctoris [i.e. Linnaeus] scriptis adornata a Joanne Andrea Murray ..." See TL-2/4844a.
(3) Translator, Kalm, P., *Reise n. Amer.* vol. 3, 1764, See TL-2/3493.

EPONYMY: *Murraea* J. G. Koenig ex Linnaeus (1771, *orth. rej.*); *Murraya* J. G. Koenig ex Linnaeus, corr. Murray (1774, *nom.* et *orth. cons.*).

6571. *Enumeratio vocabulorum* quorundam quibus antiqui linguae latinae auctores in re herbaria usi sunt. Viro summe venerabili, parenti optumo [sic] Andreae Murray ... pio animo dedicata a filio nono augusto diem, qui ei natalis est, gratulaturo Joanne Andrea Murray ... Holmiae [Stockholm] (typis Petri Georg. Nystrôm) 1756. Qu. (*Enum. vocab.*).
Publ.: 9 Aug 1756, p. [1]-11. *Copy*: NY.

6572. *Commentatio de Arbuto Uva Ursi* jungitur invitatio ad orationem qua munus professoris medici indulgentissime sibi extra ordinem concessum sollemniter d. xxxi decembr. mdcclxiiii aditurus est Joannes Andreas Murray ... Gottingae [Göttingen] (Typis Pockwitzii et Barmeieri) [1764]. Qu. (*Comm. Arb. Uva Ursi*).
Publ.: 31 Dec 164, p. [i], [1]-66. *Copies*: Edinburgh Univ. Libr., M, WU.

6573. Io. Andreae Murray D. ... *Prodromus designationis stirpium gottingensium* cum figuris aeneis. Gottingae [Göttingen] (Impensis Jo. Chr. Dieterich) 1770. Oct. (*Prodr. stirp. gott.*).
Publ.: 1770, p. [i-xvi], [1]-252, [1-2, err.], *2 pl.* (col. or uncol. copper engr. Kaltenhofer). *Copies*: FI, G, L, M, MO, NY, USDA.

6574. *Vindiciae nominum trivialium* stirpibus a Linneo equ. impertitorum. Sectio prior [posterior] pro aditu aliquot doctissimorum commilitonum ad doctoris medici honores significando exarata ab ordinis medici decano Jo. Andrea Murray D. ... Gottingae [Göttingen] (typis Joannis Christiani Dieterich) 1782, 2 parts. Qu. (*Vindic. nom. triv.*).
Pars 1: 1782, p. [1]-24; *pars 2*: 1782 (p. 23: 23 Dec 1782), p. [1]-23. *Copies*: FI, MO.
Reprinted: Murray, J. A., Opuscula 2: 293-332. 1786 and in Gilibert, Syst. pl. Europ. 5: xlvii-lxxv. 1786.

6575. Caroli à Linné equitis *Systema vegetabilium* secundum classes ordines genera species cum characteribus et differentiis. *Editio decima quarta* praecedente longe auctior et correctior curante Jo. Andrea Murray ... Gottingae (Typis et impensis Jo. Christ. Dieterich) 1784. Oct. (*Syst. veg. ed. 14*).
Publ.: Mai-Jun 1784 (see TL-1; has priority over Thunberg, *Fl. japon.*), p. [i]-xx, [1]-987, [988-1004, index]. *Copies*: BR, FI, G, KNAW, MO, U, US(3), USDA; IDC 2249. – SO 583. For an index see below. For further editions based on Murray's ed. 14 see SO 598, 603, 604-608.
German ed.: 1786, by X. J. Lippert, see TL-2/4864.
Italian ed.: 1789, by J. Scannagatta, q.v.

6576. *Index plantarum,* quae continentur in Linnaeani systematis editione novissima decima quarta. Viennae Austriae (typis et sumptibus Christiani Friederici Wappler) 1785. Qu. (*Index pl.*).
Compiler of index: Nicolaus Joseph von Jacquin (1727-1817), see e.g. PR ed. 1 no. 4831.
Publ.: 1785, p. [1]-167, [168, err.]. *Copies*: M, USDA. – SO 584.

6577. J. Andreae Murray . . . *Opuscula* in quibus commentationes varias tam medicas quam ad rem naturalem spectantes retractavit emendavit auxit . . . Gottingae [Göttingen] (apud Jo. Christ. Dieterich) 1785-1786, 2 vols. Oct. (*Opuscula*).
1: 1785, p. [i]-xxii, [1]-392, *2 pl.*
2: 1786, (J. d. Méd. Sep 1786), p. [i]-vi, [1]-500, *3 pl.*
Copies: Niedersächs. Staats- Univ.-Bibl. Göttingen (inf. G. Wagenitz; plates of vol. 3 wanting); USDA.
Ref.: PR ed. 1, no. 7344.

6578. Caroli a Linné equitis *Systema vegetabilium* secundum classes, ordines, genera, species, cum characteribus et differentiis. *Editio decima quinta,* praecedente longe correctior curante Jo. Andrea Murray, . . . Parisiis (e typographia Didot Junioris prostat apud J. F. P. Déterville, . . .) 1798. Oct. (*Syst. veg. ed. 15*).
Publ.: 1798, p. [1]-16, [1]-821, [822, err.]. *Copies*: BR, FI, G, MO, USDA. – SO 608. A reprint of ed. 14.
Ref.: PR ed. 1, no. 6009.

Murray, Rev. **Richard Paget** (1842-1908), British clergyman and botanist; ordained 1868; curate of Plymstock, Beckenham and Baltonsborough (1868-1882, in succession); vicar of Shapwick (Dorset; 1883-1908); botanized in Ireland, Portugal and Canary Is. (*R. P. Murray*).

HERBARIUM and TYPES: BM; the main set of his Canary Islands plants at K, dupl. BEL, E. Distributed a set of *British Rubi* (with E. E. Linton, q.v.).

BIBLIOGRAPHY and BIOGRAPHY: BB p. 225; BL 2: 264, 694; BM 3: 1383, 7: 888; Bossert p. 279; Clokie p. 216; CSP 8: 476, 10: 892, 17: 431-432; Desmond p. 458; Hortus 3: 1200 ("Murr., R. P."); IH 2: 574; Kew 4: 96; Rehder 5: 603; Tucker 1: 509; Urban-Berl. p. 377.
Anon., J. Bot. 46: 400. 1908.
Druce, G. C., Rep. Bot. Exch. Cl. Brit. Isl. 1908: 346-347. 1909 (b. 26 Dec 1842, d. 29 Oct 1908).
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Kent, D. H., Brit. herb. 70. 1957 (herb.).
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Murray, G., Hist. coll. BM(NH) 1: 170. 1904.
White, J. W., Fl. Bristol. 97. 1912.

HANDWRITING: J. Bot. 47: frontisp. portr. 1909.

6579. *The flora of Somerset* . . . Taunton (published for the Society by Barnicott and Pearce, . . .) 1896. Qu. (*Fl. Somerset*).
Publ.: in journal in four parts 1893-1896, as a consolidated reprint 1896 (p. iv: Dec 1895), p. [i*], frontisp., [i]-lxi, [1]-437, [418a]-418d. *Copies*: G, MO, NY, USDA. – Published previously in Proc. Somersetshire Arch. nat. Hist. Soc. 39: 1893 (p. 1-96) (J. Bot. 1894); 40: 1894 (p. 97-240); 41: 1895 (p. 241-437); 42: 1896 (p. [i]-lxi, [418a]-418d [addenda]); pagination in journal was already that of flora, independent of regular pagination of journal issues.

Murray, Stewart (1789?-1858), Scottish botanist, superintendent of the Glasgow botanic Garden. (*S. Murray*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 532; BB p. 225-226; Desmond p. 458; Jackson p. 411; Kew 4: 96; PR 6580 (ed. 1: 7346).
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2	30: 109-120	28 Feb 1903	32
3	30: 225-232	Apr 1903	35
4	30: 296-301	Mai 1903	38
5	30: 423-434	Aug 1903	41
6	31: 29-44	Jan 1904	49
7	31: 325-348	Jun 1904	52
8	31: 415-428	Aug 1904	56
9	31: 593-610	Nov 1904	60
10	32: 83-103	1905	65
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6586. *Tropical Polypores* ... New York (published by the author) 1915. Oct. (*Trop. Polypor.*).
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Muschler, Reinhold "Reno" **Conrad** (1883-1957), German botanist and poet; Dr. phil. Berlin 1908; in Egypt for health reasons 1902-1904; from 1908-1913 at the Botanical Museum, Berlin; from then on active as poet and novelist. (*Muschl.*).

HERBARIUM and TYPES: Material at K, MO, WAG.

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Publ.: Jun 1817 (t.p.; Ned. Staats Cour. rd. 23-28 Jun 1817), p. [i-vi], [1]-14, *1 pl.* (uncol. lith. G. Massaux), [1-2, abbr.], [1]-164. *Copies*: BR, G(2), MO, NY.

Musset, Charles Raymond (1826-1892), French botanist at Toulouse; from 1878-1883 lecturer, 1883-1892 professor of botany at the Faculté des Sciences, Grenoble. (*Musset*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 533; CSP 4: 562, 8: 477, 10: 893, 12: 530, 17: 434-435; De Toni 1: lxxxix; Jackson p. 80, 105; LS 18722; Morren ed. 10, p. 63; PR 6583-6584; Rehder 5: 602.
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Publ.: 5 Jun 1862, p. [1]-28, *1 pl.*, [1, expl. pl.]. *Copy*: NY.
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1: 1830 (p. ix: 1 Mai 1830), p. [i*-iv*], [i]-xi, [xii, cont.], [1]-148, *pl. 1-4* (uncol. liths.).
2: 1830, p. [i-iv], [1]-544.
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6595. *Flore française* destinée aux herborisations, ou description des plantes croissant naturellement en France, ou cultivées pour l'usage de l'homme et des animaux, avec l'analyse des genres et leur tableau d'après le système de Linné; ornée de planches représentant les charactères de 550 espèces critiques; ... Paris (chez F. G. Levrault, ...) Strasbourg (même maison, ...) 1834-1838. Duod. (in sixes), 4 vols., atlas. (*Fl. franç.*).
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Mutis y Bosio, José Célestino Bruno (1732-1808), Spanish physician and botanist at Madrid; went to New Granada in 1750, discovered *Cinchona*; director of the *Expedición botánica* and its flora; founder of the first astronomical observatory in South America; subsequently professor of mathematics at Santa-Fé de Bogota; founder of a botanic garden and ultimately clergyman at Santa Fé. (*Mutis*).

HERBARIUM and TYPES: MA; further sets of Colombian material at BM, COL, F, G, K, LINN, MEDEL, NY, P, S, SBT, ST, UPS, US. Manuscripts and plant illustrations at Madrid (6849) and LINN; a manuscript on quinine is at BM(NH) (see BM 3: 1387).

NOTE: A publication of the coloured plates of Colombian plants was started in Madrid in 1954, edited by S. Rivas-Goday and E. Perez-Arbelaez, to be completed in 51 volumes, under the title *Flora de la Real Expedición botánica del Nuevo Reino de Granada* (1760-1817). So far published vols. 1, 7, 8, 27, 44, 1954-1969. – For letters and diary see Hernandéz de Alba (1947-1949 and 1957-1958).

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EPONYMY: *Mutisa* Cothenius (1790, *orth. var.*); *Mutisia* Linneaus fil. (1782).

POSTAGE STAMPS: Colombia 25 c. (1947) yv. 415 (left figure).

Mygind, Franz (Frands **von** (1710-1789), Austrian imperial counsel ("Hofrat") at the ministry of commerce; friend of N. J. von Jacquin. (*Mygind*).

HERBARIUM and TYPES: material at C, E, LINN and OXF.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 282; Barnhart 2: 534; BM 3: 1387, 7: 891; Clokie p. 216; Frank 3(Anh.): 70; IH 2: 576; Kew 4: 100; PR (alph.); Rehder 5: 604; Saccardo 2: 76; SO 2542.
Flatt, C. de, Francisci a Mygind, Observationes critico-botanicae seu epistolae ad Linnaeum scriptae, *in* Verh. Bot. Zool. Ges. Wien 47: 473-494, 582-609.
Fries, Th. M., Bref Skrifv. Linné 1(6): 71. 1912.
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 113. 1970 (coll. in herb. Giseke).
Heufler, L. von, Franz von Mygind, der Freund Jacquin's. Wien 1870, 46 p. (Abh. k.k. zool. bot. Ges. Wien 20: 879-924. 1870), (main biography), rev.: ÖbZ 21: 87-88. 1871.
Hornemann, J., Naturh. Tidskr. 1: 564. 1837.
Jackson, B. D., Proc. Linn. Soc. 134(suppl.): 18. 1922 (pl. LINN).
Stafleu, F. A., Linnaeus and the Linnaeans 193. 1971.
Warming, E., Bot. Tidsskr. 12: 60. 1881.

EPONYMY: *Myginda* N. J. Jacquin (1760); W. J. Hooker et Arnott (1838, *orth. var.*).

Myrin, Claës Gustaf (1803-1835), Swedish botanist and agricultural economist at Uppsala. (*Myrin*).

HERBARIUM and TYPES: S; musci also at H.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 534; BL 2: 549, 694; BM 3: 1388, 7: 892; CSP 4: 564; Frank 3(Anh.): 70; GR p. 495; IH 2: 576; Kew 4: 100-101; Kleppa p. 263; KR p. 515-516; NAF ser. 2. 3: 40; PR 6591-6592 (ed. 1: 7362-7365); Rehder 5: 604; SBC p. 128 ("Myr."); SO 3449.
Anon., Flora 18: 478-480. 1835 (d. 22 Mar 1835).
Löwegren, I., Naturalikabinett Sverige 45, 213, 237. 1952.
Sayre, G., Bryologist 80: 514. 1977.
Scheutz, Bot. Not. 1863: 70.

EPONYMY: *Myrinia* W. P. Schimper (1860, *nom. cons.*) *Note*: The derivation of *Myrinia* Lilja (1840, *nom. rej.*) could not be determined but very likely also commemorates Myrin.

6598. *Corollarium florae upsaliensis* quod venia ampl. fac. philos. upsal. pp. Claud. Gust. Myrin ... et Joh. Jac. Svartengren ... in audit. Gustav. die xvi Octobr. mdcccxxxiii h.a.m.s. Upsaliae (excudebant regiae Academiae typographi) [1833]. Oct. (*Coroll. fl. upsal.*).
Publ.: A series of 8 theses written by Myrin. Later published in a commercial issue without thesis t.p.'s.
1: 16 Oct 1833, p. [i], [1]-16. Defendant: Joh. Jac. Svartengren.
2: 23 Oct 1833, p. [i-iii], 17-32. Def.: Jacobus Sjöstedt.
3: 27 Nov 1833, p. [i-iv], 33-48. Def.: Carolus Otto Forslind.
4: 7 Dec 1833, p. [i-iv], 49-64. Def.: Nicol. Gust. Wennerström.
5: 14 Dec 1833, p. [i-iii], 65-80. Def.: Paulus Augustus Martin.
6: 23 Apr 1834, p. [i-iii], 81-96. Def.: Otto Askenstedt.
7: 4 Jun 1834, p. [i], 97-112. Def.: Joh. Chr. Lind.
8: 11 Jun 1834, p. [i], 113-123, [124] err.
Vol. t.p. and reprint of p. 5-6: 1834, p. [i], 5-6. For general title see below. – *Copy* of diss. 1-6, 8: USDA, of diss. 7: LD.
Trade ed.: 1834, p. [i], [1]-123, [124, err.]. *Copies*: G, MO, NY. – "*Corollarium florae upsaliensis.* Dissertationibus academici annorum mdcccxxxiii et mdcccxxxiv editum." Upsaliae (excudebant Palmblad & C.) Gryphiae (apud E. Mauritium) 1834. Oct.

Nábělek, František (1884-1965), Moravian botanist; studied at Vienna University under R. v. Wettstein (1902-1907); Dr. phil. Wien 1907; from 1908-1920 high school

teacher at Lipníka (Leipnik); visited Near East (1909-1911); from 1921-1928 id. at Brno, from 1925-1934 lecturer, from 1934-1939 professor of botany at Masaryk University, Brno; from 1939-1950 professor of botany and head of the Botanical Institute of Comenius University, Bratislava. (*Nábělek*).

HERBARIUM and TYPES: BRA, BRNU, SAV, SLO.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 534; BJI 2: 121; Bossert p. 280; Futák-Domin p. 410; Hirsch p. 208; IH 2: (in press); Kew 4: 101; Klášterský p. 132; LS suppl. 19517-19521.
Anon., Österr. bot. Z. 58: 495. Dec 1908 (app. professor at the Bohemian "Landesoberrealschule" at Leipnik, Moravia); 74: 288. 1925 (app. Brünn).
Blakelock, R. A. & E. R. Guest, Fl. Iraq 1: 109, 115. 1966 (itin.).
Fedtschenko, B. A., Bot. Zhurn. 30: 38. 1945.
Harbetová-Uhrová, A., Preslia 36. 311-312. 1964 (80th birthday; portr., biogr. note)., 38: 218. 1966 (d. 10 Jun 1965).
Janchen, E., Richard Wettstein 186. 1933.
Kneucker, A., Allg. bot. Z. 15: 16. 1909 (app. Leipnik).
Majovský, J., Taxon 15: 82. 1966, Acta Fac. Rer. Nat. Univ. Comen., Bot. 14: 3-5. 1967 (obit., b. 3 Mai 1884, port.).
Michalko, J., Biologia, Bratislava 21(5): 387-388. 1966 (obit., portr.).
Roshevitz, Zlaki 254. 1937 (epon.).

EPONYMY: *Nabelekia* Roshevitz (1937).

6599. *Iter turcico-persicum* ... Brno (Vlastnim nákladem vydáva přírodovědecká fakulta) 1923-1929, 4 parts. Oct. (*Iter turc.-pers.*).
Publ.: in Publ. Fac. Sci. Univ. Masaryk. *Copy*: G. – Types at BRA.
1: 1923, p. [1]-144, *pl. 1-16*. Publ. [čis] 35.
2: 1925, p. [1]-57, [58], *pl. 1-12*. Publ. 52.
3: 1926, p. [1]-75, *pl. 1-7*. Publ. 70.
3: 1929, p. [1]-47, [48], *pl. 1-4*. Publ. 105.
Ref.: Krause, K., Bot. Jahrb. 59: 75. 1 Aug 1924 (fasc. 1).

Naccari, Fortunato Luigi (1793-1860), Italian botanist; high school teacher at the seminary of Chioggia; later university librarian at Padova (*Naccari*).

HERBARIUM and TYPES: Unknown. Naccari may have left his herbarium to PAD but it has not been retraced (Saccardo).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 534; BL 2: 415, 694; BM 3: 1388; Bossert p. 280; Cesati p. 273-279, Saggio p. 53-54; CSP 4: 564, 8: 478, 12: 531; De Toni 1: lxxxix-xc; DTS 1: 387; GR p. 536; Herder p. 179, 253; Jackson p. 323; Krempelh. 1: 154, 506; PR 6593-6595, add. (ed. 1: 7366-7367); Rehder 5: 605; Saccardo 1: 116, 2: 77, cron. p. xxviii; Tucker 1: 509.
Endlicher, S. L., Gen. 6. 1836 (epon.).
Müller, R. H. W. & Zaunick, R., Friedr. Traug. Kützing 148, 244, 290. 1960.
Nardo, G. D., Comm. Fauna Fl. Gea Veneto 1: 73-84. 1869. (biogr., bibl.).
Wittrock, V. B., Acta Horti Berg. 3(2): 164. 1903.

EPONYMY: *Naccaria* Endlicher (1836) probably commemorates him.

6600. *Flora veneta* o descrizione delle piante che nascono nella provincia di Venezia disposta secondo il sistema linneano e colla indicazione al metodo di Jussieu modificato dal De-Candolle arricchita di osservazioni medico-economiche di Fortunato Luigi Naccari ... Venezia (Presso Leone Bonvecchiato editore libraio ...) 1826-1828, 6 vols. Qu. (*Fl. venet.*).
1: 1826, p. [1]-127; *2*: 1826 (Flora rev. 7 Oct 1827), p. [1]-135; *3*: 1827, p. [1]-170; *4*: 1827, p. [1]-150; *5*: 1828 (Flora 28 Aug 1828), p. [1]-142; *6*: 1828, p. [1]-133, [134: printed Aug 1828]. *Copies*: FI, G; IDC 889. – *Aggiunte alla flora Veneta publ.* 1824, Opusc. Sci. N. Coll., Bologna 1824: 133*-156; reprinted Bologna (Tipografia Bortolotti & Felcini ...) 1824, p. [1]-26. *Copy*: FI.

6601. *Algologia adriatica* del cavaliere Fortunato Luigi Naccari ... Bologna (Stamperia Cardinali e Frulli) 1828. Qu. (*Algol. adriat.*).
Publ.: 1828, p. [1]-97. *Copies*: FH, FI, G, NY; IDC 6384.

Nachtigal, Gustav Hermann (1834-1885), German collector and explorer of Africa; military physician; from 1861 in Algeria, from 1863 in Tunisia; travelling in northern Africa 1868-1875; from 1882-1884 German consul at Tunis; first colonizer of Togo and Cameroon (1884-1885); died at sea when returning to Germany. (*Nachtigal*).

HERBARIUM and TYPES: B (main part no longer extant).

BIBLIOGRAPHY and BIOGRAPHY: ADB 23: 193-199 (F. Ratzel); Barnhart 2: 534; BM 3: 1388; CSP 8: 478, 10: 896, 17: 441; IH 2: (in press); Kew 4: 101; Rehder 5: 605; Tucker 1: 510; Urban-Berl. p. 163, 194, 377.
Anon., Brockhaus' Conversations-Lexikon 12: 40-41. 1885; Nat. Nov. 7: 128. 1885 (d.).
Ascherson, P., *in* E. Durand & C. Baratte, Fl. Libyc. prodr. xxiii. 1910.
Embacher, F., Lexik. Reis. 215. 1882.
Giglioli, E., Archivio Antropol. Etnol. 15: 259-262. 1885 (obit.).
Güsfeldt, P., Leopoldina 22: 97-101, 120-123. 1886 (obit., b. 23 Feb 1834, d. 20 Apr 1885), in part taken from Güssfeldt et al., Trauerfeier für Gustav Nachtigal, *in* Verh. Ges. Erdk. Berlin 12: 347-365. 1885.
Letouzey, R., Fl. Cameroun 7: 9-10. 1968.
Neumayer, G., Mitt. geogr. Ges. Hamburg 1885/86(3): 251-257. 1887 (éloge).
Poggendorff, J. C., Biogr.-Lit. Handw.-Buch 3: 953. 1898.
Reiss, Verh. berlin. Ges. Erdk. 12: 347-365. 1885 (obit.).
Wichmann, H., Petermanns Mitt. aus Justus Perthes, Geogr. Anstalt 31: 224-225, 429. 1885.
Wickens, G. E., Veröff. Übersee-Mus. Bremen, C. 1: 212-216. 1977.
Wolkenhauer, W., Geogr. Jahrb. 12: 380-381. 1888.

NOTE: Nachtigal's major travelogue, *Sahara und Sudan*, Ergebnisse sechsjähriger Reisen in Afrika (3 vols., Berlin 1879-1889), contains in vol. 3(edited by E. Groddeck) a botanical chapter by P. Ascherson (p. 537-548). Nachtigal's collections were enumerated by Ascherson in Rohlfs, Kufra, 1881, Abth. 2(7).

Nadeaud, Jean (1834-1898), French physician (naval surgeon), botanist, explorer of the Southern Pacific. (*Nadeaud*).

HERBARIUM and TYPES: P, PC (via E. Drake); further material at B, BM (via Bescherelle), E, F, FH, G, G-DC, H, NY, S. – Bescherelle distributed Nadeaud; *Mousses de Tahiti* (see Sayre 1975).

BIBLIOGRAPHY and BIOGRAPHY: BL 1: 129, 310; Bossert p. 280; CSP 17: 441; Hortus 3: 1200 ("Nadeaud"); Herder p. 229; IF p. 722; Jackson p. 405; Rehder 1: 510, 2: 228, 857; SBC p. 128 ("Nad."); Urban-Berl. p. 309; Zander ed. 10, p. 696, ed. 11, p. 793.
Anon., Bot. Jahrb. 27 (beibl. 64): 19. 1900; Nat. Nov. 21: 327. 1899 (d. 20 Nov 1898 in Tahiti); Österr. bot. Z. 48: 75. 1898 (E. Bescherelle published a series of Tahitian mosses coll. by Nadeaud); 49: 198. 1899 (d.); Rev. bryol. 26(2): 40. 1899.
Bescherelle, E., Ann. Sci. nat. Bot. ser. 7.20: 1-62. 1895; Bull. Soc. bot. France 45: 1-98. 1898; J. Bot., Paris 12: 136-150. 1898, Bull. Sci. bot. France 48: 11-17. 1901 (on N's collections).
Candolle, Alph. de, Phytographie 436. 1880 (251 sp. G-DC).
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 113. 1970 (coll.E).
Kneucker, A., Allg. bot. Z. 5: 104. 1899 (d.).
Merrill, E. D., B. P. Bishop Mus. Bull. 144:142. 1937 (Polynes. bibl.; note on "on the botany of Tahiti"); Contr. U.S. natl. Herb. 30(1): 224-225. 1947 (bibl.).
Sayre, G., Mem. New York Bot. Gard. 19(3): 373-374. 1975 (collections); Bryologist 80: 514. 1977.

EPONYMY: *Nadeaudia* Bescherelle (1898).

NOTE: The anonymous "On the botany of Tahiti" (Trans. Proc. New Zealand Inst. 6(app.): lxvi-lxxx. 1874) found among the papers of William Swainson (1789-1855), is attributed to Nadeaud by Rehder (1: 510). Merrill (1947) supposes it to be a partial translation of the *Plantes usuelles des Tahitiens* (1864).

6602. *Plantes usuelles des Tahitiens,* . . . Montpellier (Jean Martel ainé, imprimeur . . .) 1864. Oct. (*Pl. usuel. Tahit.*).
Publ.: 1864, p. [1]-52. *Copy*: G. – Apparently published independently.

6603. *Énumeration des plantes indigènes de l'île de Tahiti* recueillies et classées par le docteur J. Nadeaud . . . Paris (F. Savy, . . .) 1873. Oct. (*Énum. pl. Tahiti*).
Publ.: Jan-Jul 1873 (p. v: 2 Mai 1872), p. [i*], [i]-v, [7]-86. *Copis*: G, L, NY.
Ref.: Anon., Bull. Soc. bot. France 20(bibl.): 26-27. Aug. 1873.

Nádvorník, Joseph (Josef) (1906-1977), Czechoslovak lichenologist and high school teacher (from 1925-1966) at Uzhgorod, Hlinsko and Praha. (*Nádv.*).

HERBARIUM and TYPES: BRA (lichen herbarium, 11.000). *Exsiccatae*: (1) *Caliceae exsiccatae,* dec. 1-5, nos. 1-54, Praha 1935-1951. Sets at BM, FH, H, M, UPS, W; (2) *Lichenes exsiccati,* nos. 1-30, Praha 1954-1959, set at UPS; (3) *Physciaceae exsiccati,* dec. 1-3, nos. 1-33, Praha 1943-1945. Set at FH, M, UPS, UPSV.

BIBLIOGRAPHY and BIOGRAPHY: GR p. 665-666, *pl.* [*25*], cat. p. 68; IH 2: (in press); SBC p. 128.
Anon., Rev. bryol. lichénol. 10: 111, 117. 1937, 19: 110-111. 1950, 21: 195. 1952, 25: 406. 1956; Taxon 25: 506. 1977.
Černohorský, Zd., Preslia 50: 189-191. 1978 (portr., obit., bibl., b. 13 Feb 1906, d. 8 Jul 1977); Int. Lichenol. Newsl. 10(2): 9. 1977.
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Hawksworth, D. L. & M. R. D. Seaward, Lichenol. Brit. Isles 1568-1975. 125. 1977.
Laundon, J. R., Lichenologist 11: 15. 1979.
Sayre, G., Mem. New York Bot. Gard. 19(1): 150-151. 1969.

Nägeli, Carl Wilhelm [von], [Naegeli] (1817-1891), Swiss-born botanist; Dr. phil. Zürich 1840; Dr. med. h.c. Freiburg 1854; habil. 1842; professor of botany at Zürich 1848-1852; at Freiburg i.Br. 1852-1855; at the ETH Zürich 1855-1857; at München 1857-1891. (*Näg.*).

HERBARIUM and TYPES: Algae herbarium at M (r. 1933, via herb. F. J. E. Correns), other material at BM, CGE, DBN, E, G, HBG, L (herb. Kützing), M (Lich. rd 1892), MANCH, MJG, ZT. *Hieracia* e.g. at BM and G; see also A. Peter, *Hieracia naegeliana.*

BIBLIOGRAPHY and BIOGRAPHY: AG 5: 752, 12(1): 248; Ainsworth p. 21, 117, 121, 274, 301, 325, 345; Barnhart 2: 534; BJI 1: 42; BM 3: 1388-1389, 7: 892; Bossert p. 280; Cesati p. 280-282, Saggio p. 54; Collander hist. p. 64, 65; CSP 4: 565-566, 8: 479, 10: 896-897, 12: 531, 17: 443; De Toni 1: xc, 2: lxxxiv; DSB 9: 600-602 (bibl.); DTS 1: 209-210; Frank 3(Anh.): 70; GR p. 633, cat. p. 68; Hegi 6(2): 1225; Herder p. 468; IH 1 (ed. 6): 362, 2: (in press); Jackson p. 70, 71, 75, 76, 83, 92, 156, 166, 172, 220; Kew 4: 102; KR 1: 242, 256, 2: 310, 3: 99; Krempelh. 2: 310; LS 18749-18764; Moebius p. 454 [index]; Morren ed. 2, p. 9, ed. 10, p. 18; NAF ser. 2. 6: 70, 8: 48; Nordstedt p. 24, suppl. p. 12; PR 1947, 1948, 4775, 6597-6609, 8227 (ed. 1: 7369-7371); Rehder 1: 34, 245, 5: 605-606; SBC p. 128; TL-2/see indexes; Tucker 1: 510.

Anon., Almanach K. bayer. Akad. Wiss. 1884: 271-277 (bibl.); Almanach K.K. Akad. Wiss. Wien 41: 187-189. 1891 (obit.); Bonplandia 3: 176. 1855 (to ETH-Zürich), 5: 172. 1857 (to München), 8: 126. 1860, 10: 213. 1862.; Bot. Centralbl. 5: 224. 1881 (foreign member Soc. r. Bot. Belg.) 46: 368. 1891 (d.), 49: 384. 1892 (Nägeli-memorial), 50: 178. 1892 (Algae herb. presented to C. Cramer); Bot. Gaz. 16(8): 242. 1891: Bot. Jahrb. 14 (Beibl. 31): 17. 1891; Bot. Nat. 1892. 47; Bot. Zeit. 49: 352. 1891; Bot. Zeit. 50: 235. 8 Apr

1892 (algae herb. donated to C. Cramer at Zürich. We do not know wether this is indeed the same "herbarium" as that which came to M via F. J. E. Correns); Leopoldina 27: 108-109. 1891; Nat. Nov. 3: 95. 1881 (F.R.S.), 11: 243. 1889 (retires from professorship); Österr. bot. W. 2: 375. 1852 (to Freiburg) 5: 149. 1855 (to ETH-Zürich); Österr. bot. Z. 11: 413. 1861 (fate Beitr. wiss. Bot. uncertain; financial difficulties); 28: 38. 1878 (Ritter des Maximilian-Ordens); 41: 219. 1891 (d.).
Beck, G., Bot. Centralbl. 34: 150. 1888 (Hierac. naegel. at W).
Bergdolt, E., Karl von Goebel ed. 2. 261 [index]. 1941.
Briquet, J., Bull. Soc. bot. Suisse 50a: 352-354. 1940 (biogr., bibl., epon.).
Brunchorst, J., Naturen 15: 327-329. 1891.
Bureau, E., Bull. Soc. bot. France 38 (bibl.): 94-95. 1891 (obit.)
Correns, C., Gregor Mendels Briefe an Carl Nägeli 1866-1873. Leipzig 1905, 79 p.
Cramer, C., Neue Zürcher Zeit. 16 Mai 1891 (funeral oration).
Cramer, C. E., Verh. Schweiz. naturf. Ges. 74 (1890/91): 184-188. 1892 (obit.); "Leben und Wirken von Carl Wilhelm von Nägeli, Zurich, 1896, viii, 91. (main biogr., bibl., portr., evaluation of scientific work); review by Maurizio, Bot. Centralbl. Beih. 6(6): 401-403. 1896.
De Wildeman, E., Notarisia 6: 1268-1275. 1891 (obit., bibl.).
Engler, A., Int. Monatschr. Wiss. Kunst Techn. 12: 63-83. 1917.
Errera, L., Bull. C. R. Séances Soc. Bot. Belg. 30(2): 148-152. 1891 (obit.; e. g. on his theory of intussusception and ideoplasma).
Gager, C. S., Brooklyn Bot. Gard. Rec. 27: 234. 1938 (dir. bot. gard. München 1857-1891).
Glass, B. et al., Forerunners of Darwin 162, 289, 324, 331, 343, 352. 1968.
Goebel, K., Gedächnisrede auf Karl von Nägeli . . . 21 März 1893, München 1893, 19 p.
Harvey-Gibson, R. J. Outlines hist. bot. 273 [index]. 1914.
H. B., J. R. microsc. Soc. 1891(2): 675-676 (obit., based on a notice in the Münch. Med. Wochenschr.).
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 113. 1970. (coll. 1837 at E).
Heine, H., Gesch. Mikroskopie 1: 291-297. s.d. [ca. 1960] (portr., evaluation).
Ikeno, S., Bot. Mag. Tokyo 6: 203-206. 1892 (obit., Japan).
Iltis, H., Life of Mendel ed. 2. 330 [index]. 1966.
Jackson, B. D., Bull. misc. Inf. Kew 1901: 48 (pl. K).
Jessen, K. F. W., Bot. Gegenw. Vorz. 374-375, 447-448, 458. 1884.
Kohut, A., Flora 95: 108-149. 1905 (Naegeli and M. J. Schleiden in the years 1841-1844; 11 Nägeli letters e.g. on genesis Z. wiss. Bot.).
Koster, J. T., Taxon 18: 555. 1969 (location algae).
Mägdefrau, K., Gesch. Bot. 312 [index]. 1973; Hoppea 37: 148. 1978 (b. 27 Mar 1817, d. 18 Mai 1891).
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Nägeli, C., Verh. bot. Ver. Prov. Brandenburg 14: 155-157. 1872 (request addressed to collectors of Hieracium).
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Prantl, K., Hedwigia 31: 1-11. 1892 (bibl., portr.).
Renner, O., Ber. bayer. bot. Ges. 35: 106-108. 1962.
Roberts, H. F., Plant hybrid. before Mendel 183-204. 1965.
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Schüepp, O., Verh. naturf. Ges. Basel 44: 223-274. 1933 (Nägeli's work on the developmental biology of leaves).
Schwendener, S., Ber. deut. Bot. Ges. 9: (26)-(42). 1891 (portr. bibl.)
Scott, D. H., J. Bot. 29: 366-370. 1891; Nature 44: 580-583. 1891 (obit.; evaluation Z. wiss. Bot.), see also Proc. Amer. Acad. Sci. 26: 376-381. 1891.
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Taton, R., ed., Science 19th cent. 608 [index]. 1965.
Vines, S. H., Proc. Roy. Soc. 51: xxvii-xxxvi. 1892.
Veer, P. H. W. A. M., Leven en werk van Hugo de Vries 182. 1969 (portr.)
Voit, V., S. B. bayer. Akad. Wiss., München 22: 196-198. 1893 (obit.; "wir wissen und wir werden wissen").

Weiss, J. E., Ber. bayer. bot. Ges. 1891: 79-84. (obit., portr., bibl.).
Wittrock, V. B., Acta Horti Berg. 3(2): 137. 1903, 3(3): xxii-xxiii 146. *pl. 75*. 1903 (portr.).
Wulff, E. V., Intr. hist. pl. geogr. 26, 46. 1943.
Wunschmann, E., Carl Wilhelm von Naegeli, Wiss. Beil. Progr. Charlottenschule, Berlin, Ostern 1893, Berlin, 31 p. (biogr., bibl.; discussion of e.g. systematic work and of N's attitude towards Darwin's ideas).
Zander, A., Deut. med. Wochenschr. 17(28): 879-880. 1891 (obit., repr. p. [1-7]).

COMPOSITE WORKS: (1) *Dispositio specierum generis Cirsii* . . . Appendix zu G. D. J. Koch, *Syn. fl. Germ.* ed. 2.3: 987-1012. 1845.
(2) *Einleitung*, to E. Widmer, *Die europäischen Arten der Gattung Primula*, München & Leipzig, 1891.

FESTSCHRIFT: Festschrift zur Feier des fünfzigjährigen Doctor-Jubiläums Herrn Prof. Dr. Karl Wilhelm von Nägeli in München und Herrn Geheimrath Prof. Dr. Albert von Kölliker in Würzburg gewidmet von der Universität, dem Eidg. Polytechnicum, der Thierarzneischule in Zürich, Zürich (Albert Müller's Verlag) 1891, 3, 211 p. (*Copies*: Edinburgh Univ. Libr. and PH).

EPONYMY: *Naegelia* L. Rabenhorst (1844); *Naegelia* Regel (1847); *Naegeliellia* Correns (1893). *Note*: The derivations for *Naegelia* P. F. Reinsch (1878) and *Naegelia* Zollinger et Moritzi (1846) were not given by the authors. *Naegeliella* Schroeter (1893) is a substitute name for *Naegelia* P. F. Reinsch.

6604. *Die Cirsien der Schweiz* . . . Neuchatel (in der Buchdruckerei von O. Petitpierre) 1840. Qu. (*Cirs. Schweiz*).
Publ.: 1840, p. [i]-viii, [1]-166, [1-2], *pl. 1, 1a, 2-8* (col.; auct.). *Copies*: G, NY. – Preprinted from Neue Denkschr. allg. Schweiz. Ges. Naturwiss. 5(1): [i]-viii, [1]-166, *pl. 2-8* (uncol., auct.) 1841. The plates were coloured only in the preprints; *plates 1* and *1a* are also present only in the preprint. Copies without imprint, evidently taken from the journal are more common: e.g. at L, NY, WU.

6605. *Zeitschrift für wissenschaftliche Botanik* von M. J. Schleiden und Carl Nägeli . . . Zürich (Druck von Orell, Füssli und Comp.) 1844-1846, 4 Hefte. Oct. † (*Z. wiss. Bot.*).
Co-editor: Matthias Jacob Schleiden (1804-1881); *Authorship*: all papers are by Nägeli (see Kohut 1905; Scott 1891).
Publ.: vol. 1, Hefte 1-4 only. *Copy*: BR.
1(1): 1844, p. [i-iv], [1]-188, *pl. 1-4* (uncol.).
(2): 1845, p. [i]-iv, [1]-210, *pl. 1-4* (id.).
(3/4): 1846, p. [i]-vii, [viii, err.], [1]-219, *pl. 1-8* (id.).

6606. *Die neuern Algensysteme* und Versuch zur Begründung eines eigenen Systems der Algen und Florideen . . . Zürich (In Kommission bei Friedrich Schulthess.) 1847. Qu. (*Neu. Algensyst.*).
Publ.: Aug-Sep 1847 (Flora 21 Sep 1847, "so eben"), p. [i], [1]-275, *pl. 1-10* (uncol.). *Copies*: B, BR, FH, G, US. – Also published as Neue Denkschr. allg. schweiz. Ges. Naturwiss. 9, 1847.
Facsimile ed.: 1970, p. [i*, 1970 t.p.], [i], [1]-275, *pl. 1-10* (id.). *Copy*: FAS. – Reprint Vaals (A. Asher & Co. N.V.) 1970, ISBN 90-6123-204-x.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 6: 768-770. 3 Nov 1848.
Fürnrohr, A. E., Flora 30: 610-623. 14 Oct 1848 (rev.).
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6607. *Gattungen einzelliger Algen* physiologisch und systematisch bearbeitet . . . Zürich (bei Friedrich Schulthess) 1849. Qu. (*Gatt. einzell. Alg.*).
Publ.: 1849 (Flora rd. Jul 1849), p. [i]-viii, [1]-139, *pl. 1-8* (2 issues: col. and partly col.). *Copies*: FH(2), G. – Also issued as Neue Denkschr. allg. schweiz. Ges. Naturwiss. vol. 10, 1849 (copies at B, NY and US without imprint are taken from journal; plates uncoloured).
Ref.: Fürnrohr, A. E., Flora 32: 593-608. 14 Oct 1849.

Jessen, K., Bot. Zeit. 7: 739-743, 752-757, 769-771, 786-789, 800-803, 819-823, 833-836. Oct-Nov 1849.

6608. *Systematische Uebersicht der Erscheinungen im Pflanzenreich* akademischer Vortrag gehalten den 14 März 1853 mit erläuternden Anmerkungen von Carl Nägeli. Freiburg im Breisgau (Friesrich Wagner'sche Buchhandlung) 1853. Qu. (*Syst. Uebers. Erschein. Pflanzenr.*).
Publ.: Dec 1853 or Jan 1854 (Flora rd. 1 Jan-14 Feb 1854; Bot. Zeit. 17 Feb 1854 "so eben"), p. [i, iii], [1]-68. *Copies*: G, KNAW.
Ref.: Anon., Flora 37: 294-297. 21 Mai 1854.
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6609. *Pflanzenphysiologische Untersuchungen* von Carl Nägeli und Carl Cramer . . . Zürich (bei Friedrich Schulthess) 1855-1857, 4 Hefte, 2 vols. Qu. † (*Pfl.-physiol. Unters.*).
Co-author: Carl Eduard Cramer (1831-1901).
1 (*1*): Dec 1855 or Jan-Jul 1856 (p. v: Dec 1855; "ist erschienen" Flora 14 Aug 1856; id. Bot. Zeit. 15 Aug 1856; Flora rd. Sep-Oct 1856), p. [i-vi], [1]-120, *pl. 1-10, 35-38* (by Nägeli).
(*2*): Jul 1858 (p. iii: Apr 1858; "so eben" Bonplandia 15 Jul 1858; Flora 7 Sep 1858), p. [ii*-iii*], [i]-x, [1]-623, [624, err.], *pl. 11-26* (by Nägeli); "Die Stärkekörner . . ." alt. title.
(*3*): Dec 1855 or Jan-Jul 1856 (see 1(1)), p. [i-v], [1]-"32" [=39], *pl. 27-34* (partly col.); by Carl Cramer.
(*4*): 1857 (p. iv: Apr 1857), p. [i]-iv, [1]-39, [40], *pl. 39-41* (uncol.), author: Carl Eduard Cramer (1831-1901).
Copies: BR, FH.

6610. *Beiträge zur wissenschaftlichen Botanik* von Carl Nägeli, . . . Erstes [-Viertes] Heft . . . Leipzig (Verlag von Wilhelm Engelmann) 1858-1868, 4 Hefte. † (*Beitr. wiss. Bot.*).
1: 1858, p. [i]-vi, [1]-156, *pl. 1-19* (uncol. liths.).
2: 1860 (ÖbZ 1 Aug 1860), p. [i]-iv, [1]-92, *pl. 1-8* (col. liths.).
3: 1863, p. [i]-iv, [1]-198, *pl. 1-11* (*1-7* uncol., *8-11* col. liths.).
4: 1868, p. [i]-iv, [1]-202, *pl. 1-23* (*1-21* uncol., *22-23* col.).
Copy: G. – For a preprint from Heft 4 see below, no. 6612.

6611. *Botanische Mittheilungen* . . . München (Druck von F. Straub) 1863-1881, 3 vols. Oct. (*Bot. Mitth.*).
Publ.: Reprints of papers previously published in Sitzungsber. kön. bayer. Akad. Wiss., Müchen 1861-1881 (see CSP for list). *Copy*: G.
1: 1863, p. [i-iv], [1]-466, *pl. 1-2* (partly col.), *1-2* (uncol.), *1-2* (id.).
2: 1866, p. [i-iv], [1]-501, *pl. 1-7* (uncol.).
3: 1881, p. [i-iii], [1]-543, *1 pl.* (uncol.).

6612. *Dickenwachstum des Stengels* und Anordnung der Gefässstränge *bei den Sapindaceen* . . . München (Druck von J. G. Weiss, . . .) 1864. Oct. (*Dickenwachst. Steng. Sapind.*).
Publ.: 30 Mai 1864 (Flora rd. 1 Mai – 16 Jun 1864), p. [i-iii], [1]-72, *pl. 1-10* (uncol.). *Copy*: NY. – Also included in *Beitr. wiss. Bot.* Heft 4, 1868. – Was dedicated to C. F. P. von Martius on the occasion of the 50th. anniversary of his doctor's promotion on 30 Mar 1864 and most likely published on that occasion.

6613. *Entstehung und Begriff der naturhistorischen Art.* Rede in der öffentlichen Sitzung der K. Akademie der Wissenschaften am 28. März 1865 zur Feier ihres einhundert und sechsten Stiftungstages gehalten von Carl Nägeli, . . . München (Im Verlage der königl. Akademie) 1865. Qu. (*Entsteh. naturhist. Art*).
Publ.: 1865, p. [1]-53. *Copy*: G. – Flora (49: 116. 17 Jan 1866) mentions the receipt of a second edition (id. ÖbZ 1 Apr 1866).

6614. *Das Mikroskop.* Theorie und Anwendung desselben . . . Leipzig (Verlag von Wilhelm Engelman) 1865-1867. Oct.
Co-author: Simon Schwendener (1829-1919).
Ed. 1: in two parts, 1865-1867. *Copies*: B, MICH, NY.

Erster Theil: Jan-Feb 1865 (Hedwigia Mar 1865 p. [i]-iv, [1]-252.
Zweiter Theil: Jan 1867 (Bot. Zeit. 25 Jan 1867), p. [iii]-ix, [x, err.], [253]-654.
Ed. 2: 1-5 Jan 1877 ("neu" Bot. Zeit. 5 Jan 1877; Hedwigia Feb 1876, p. [i]-xii, [1]-679. *Copies*: B, G, MICH, NY. – Zweite verbesserte Auflage. Leipzig (id.) 1877. Oct.
English ed.: 1887, p. [i]-xi, [1]-382. *Copy*: NY. – "The microscope in theory and practice. Translated from the German ..." London (Swan Sonnenschein, Lowrey & Co., ...) 1887. Oct.
Ref.: W. O. H., Hedwigia 4(3): 46-48. Mar 1865 (rev.).

6615. *Die niederen Pilze* in ihren Beziehungen zu den Infectionskrankheiten und der Gesundheitspflege von Carl v. Nägeli, ... München (Druck und Verlag von R. Oldenbourg) 1887. Oct. (*Nied. Pilze*).
Publ.: 1877 (J. Bot. Nov 1887; Bot. Zeit. 19 Oct 1877), p. [i]-xxxii, [1]-285. *Copies*: B, NY.
Reissue 1882: n.v. (Bot. Centralbl. 3-7 Jul 1882).
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6616. *Untersuchungen über niedere Pilze* aus dem Pflanzenphysiologischen Institut in München ... München und Leipzig (Druck und Verlag von R. Oldenbourg) 1882. Oct. (*Unters. nied. Pilze*).
Co-author (p. 140-285): Hans Buchner (1850-?).
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6617. *Mechanisch-physiologische Theorie der Abstammungslehre* ... München und Leipzig (Druck und Verlag von R. Oldenbourg) 1884. Oct. (*Mech.-physiol. Theorie Abst.-Lehre*).
Publ.: 1884, p. [i]-xi, [1]-822. *Copy*: FI.

6618. *Die Hieracien Mittel-Europas* ... von C. v. Nägeli und A. Peter. München (Druck und Verlag von R. Oldenbourg) 1885-1889, 2 vols. Oct. (*Hierac. Mitt.-Eur.*).
Co-author: Gustav Albert Peter (1853-1937).
1: Jan-Feb 1885 (Nat. Nov. Feb(2) 1885; Bot. Zeit. 27 Feb 1885; Bot. Centralbl. 9-13 Mar 1885; J. Bot. Mar 1885; Flora rd. 11-21 Mai 1885), p. [i]-xi, [1]-931, [932, exsicc.]. – subtitle "Monographische Bearbeitung der Piloselloiden ..."
2: 1886-1889, in 3 parts, subtitle: "Monographische Bearbeitung der Archieracien ..."
(1): Mar 1886 (Nat. Nov. Apr(1) 1886; Bot. Centralbl. 5-9 Apr 1886; Bot. Zeit. 30 Apr 1886), p. [1]-84.
(2): Aug 1886 (rd. Genève 27 Sep 1886; Nat. Nov. Sep(2) 1886; Bot. Zeit. 29 Oct 1886; Flora 11 Sep 1886), p. [85]-240.
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Nägeli, Otto (1871-1938), Swiss botanist and physician; habil. int. med. Zürich 1900; professor of medicine at Tübingen 1912-1918; id. at Zürich 1918 (from 1921 as ord. prof.). (*O. Näg.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 535; BFM 1006, 1007, 1271; BJI 2: 122; BL 2: 582, 583, 591, 694; BM 3: 1389; Hirsch p. 209; Kew 4: 102; Rehder 1: 438.

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6619. *Die Flora des Kantons Zürich* . . . Zürich (1: Verlag von Albert Raustein, 2: no imprint) 1905-1912, 2 parts. Oct. (*Fl. Zürich*).
Co-author vol. 1: Albert Thellung (1881-1928).
1: Nov-Dec 1905 (ÖbZ. Nov-Dec 1905; Nat. Nov. Mar(1) 1906; Bot. Zeit. 1 Apr 1906), p. [i-ii], [1]-82.
2: 27 Jan 1912 (t.p.), p. [1]-61.
Copy: G. – Vol. 1 reprinted from Vierteljahrsschr. naturf. Ges. Zürich 50: 225-305; vol. 2 from Ber. Zürcher bot. Ges. 11: 1-61. 1912. Contains bibliography and Pteridophyta by Martin Albert Rikli (1868-1951); Nägeli acted simply as editor. Vol. 1 deals with the "Ruderal- und Adventivflora."
Ref.: Diels, L., Bot. Jahrb. 38(Lit.): 51-52. 1907.

Naezén, Daniel Eric (1752-1808), Swedish physician and botanist; studied with Linnaeus fil.; Dr. phil. Uppsala 1779; Dr. med. ib. 1783; regional physician for the Umeå district from 1782-1808. (*Naezén*).

HERBARIUM and TYPES: Material at H. Insect types at Naturh. Riksmuseet, Stockholm.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 535; BM 3: 1389, 7: 893; CSP 4: 565; IH 2: (in press); Kew 4: 102; KR p. 519; PR 6609 (ed. 1: 7372); RS p. 116; SO 1317; TL-1/771; Tucker 1: 510.
Löwegren, Y., Naturaliekabinett Sverige 324, 359. 1952 (insect coll. at K. Sv. Vet.-Akad. in Stockholm).

6620. Dissertatio botanica, illustrans *Nova graminum genera,* quam cons. exper. fac. med. Ups. praeside, viro nobilissimo, Carolo à Linné [fil.] . . . publico examini subjicit stip. victor. Daniel Ericus Naezén, Vestrogothus, . . . in audit. Gustav. majori die xxi decembr. mdcclxxix. Upsaliae (Apud Johan Edman, . . .) [1779]. Qu. (*Nov. gram. gen.*).
Promotor (not author): Carl von Linné, filius (1741-1783).
Publ.: 21 Dec 1779 (GGA 17 Mar 1781), p. [1]-37, *1 pl.* (uncol. copp.). *Copies*: G, HU, NY, USDA. – We follow Krok (KR) and accept Naezén as the author of this dissertation. – SO 1317.
Reprinted: *in* Linnaeus, C., Amoen. acad., Schreber ed. 10(app.): 1-40. 1790.

Nairne, Alexander Kyd (*fl.* 1880s), British botanist; clergyman in the Bombay Civil Service (*Nairne*).

HERBARIUM and TYPES: Bombay material at K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 536; CSP 17: 446; Desmond p. 459; IH 2: in press; Kew 4: 104; Rehder 1: 470, 475; Tucker 1: 510.
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6621. *The flowering plants of Western India* by the rev. Alexander Kyd Nairne . . . London (W. H. Allen & Co., Limited . . .), Bombay (The Education Society's Press, Byculla) [1894]. Oct. (*Fl. pl. W. India*).
Publ.: 1 Jan-14 Mar 1894 (p. x: Jan 1894; Bot. Centralbl. 14 Mar 1894; Nat. Nov. Mar(2) 1894; J. Bot. Apr 1894; Bot. Zeit. 16 Jul 1894), p. [i]-xlvii, [1]-401. *Copies*: G, MO, USDA. – "The scientific portion of the work shows only too plainly that the author has not mastered his subject, and is therefore an inadequate guide" (Britten 1894).
Ref.: Anon. [Britten, J.], J. Bot. 32: 122-124. Apr 1894.
Rehder, A., Bradley bibl. 1: 475. 1911.

Nakai, Takenoshin [Takenosin] (1882-1952), Japanese botanist; Ph. D. Tokyo Univ. 1907; Dr. Sci. Tokyo 1914; from 1908-1947 assistant, lecturer (1917), assistant professor (1922) and professor of botany (1927) at the University of Tokyo; from 1943-1945 director

of the Buitenzorg (now Bogor) Botanical Gardens in occupied Java; from 1947 director of the National Science Museum. (*Nakai*).

HERBARIUM and TYPES: TI; further material at A and P.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 536; BJI 2: 122; BM 3: 1389, 7: 893; Bossert p. 281; Hirsch p. 209; Hortus 3: 1200 ("Nakai"); IF suppl. 2: 38, 3: 216, 4: 333-334; IH 1(ed. 6): 362, 2: (in press); Kew 4: 104-105; Langman p. 535; MW p. 341-348, suppl. p. 244-250; NI 1431, 1431 n; SK 1: 379, 5: ccvi; SO 3523; TL-1/731, 735, 906-907; Tucker 1: 510; Zander ed. 10, p. 696, ed. 11, p. 793-794.

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EPONYMY: *Nakaiomyces* Kobayasi (1939).

NOTE: We cannot do justice here to the immense productivity of Nakai. For an extensive bibliography see MW and MW suppl. and the Festschrift.

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Pars prima: 8 Feb 1909 (fide cover journal; Nat. Nov. Apr(2) 1909), p. [1, err.], [1]-304, [i]-ii, *pl. 1-15*. J. Coll. Sci. Tokyo 26(1), 1909.
Pars secunda: 28 Dec 1911 (cover; Nat. Nov. Aug(2) 1912), errata slip, [1]-573, *pl. 1-20* with text. Ib. vol. 31, 1911.
Copies: BR, FI, G, H, MO. – Usually cited as a book but strictly speaking to be cited from the journal because there is no separate book issue.

6623. *Flora sylvatica koreana* ... [1-6:] Published by the government of Chosen, [8-12:] Published by the government of Chosen, Seoul, Corea, [13-15:] Published by the Forestal Experiment Station ... Seoul, [16-21:] id. Keijyo, Japan. 1915-1936. Oct. (*Fl. sylv. kor.*).
Publ.: In 22 parts for a detailed description of which see MW p. 343-344.

1:	1915, p. [i-iii], [1]-23, *pl. 1-15* with text.
2:	1915, p. [i-v], 1-41, *pl. 1-25*, id.
3:	1917, p. [i-iii], 1-55, *pl. 1-26*, id.
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8:	1919, p. [i-v], 1-64, *pl. 1-26*, id.
9:	Sep 1920, p. [i-vii], 1-36, *pl. 1-15*, id.
10:	Mar 1921, p. [i-v], 1-61, *pl. 1-27*, id.
11:	1921, p. [i-vii], 1-92, [1, note], *pl. 1-41*, id.

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Revised and enlarged ed. ("*vol. 1*"): 25 Apr 1927, p. [i], [1]-48, [1]-714, [1]-58, err. slip. *Copies*: B, G, MICH. – Tokyo (Sheibido Shoten, ...) 1927. Revised by Takenoshin Nakai and Genichii Koidzumi. Vols. 2 and 3, announced in vol 1. as "under press" do not seem to have been published.
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(*2*): Jun 1937, p. [i-v], 115-139, *pl. 48-55.*
(*3*): Nov 1937, p. [i-v], 141-168, *pl. 56-63.*
(*4*): Mai 1938, p. [i-v], 169-192, *pl. 64-70.*
3(1): Jan 1939, p. [i-v], 193-211, *pl. 71-78,* [i-iv].
(*2*): Jul 1939, p. [i-v], 213-228, *pl. 79-84,* [i-ii].
(*3*): Jan 1940, p. [i-iii], 229-262, *pl. 85-93,* [i-ii].
(*4*): Aug 1940, p. [i-iii], 263-299, *pl. 94-102,* [i-ii].
4(1): Mar 1941, p. [i-v], 301-336, [i-ii], *pl. 103-112.*
(*2*): Oct 1941, p. [i-iii], 337-384, *pl. 113-122,* [i-ii].
(*3*): Dec 1942, p. [i-v], 385-410, *pl. 123-131,* [i-ii].
(*4*): Nov 1949, p. [i-vi], 411-449, [450], *pl. 132-137,* [i-ii].
5(1): Oct 1950, p. [i-vi], 450-475, *pl. 138-147.*
(*2*): Mar 1952, p. [i-iv], 476-499, *pl. 148-155.*

Copies: BR, G, USDA. – See NI 1431 for artists.

6629. *Nova flora japonica* vel descriptiones et systema nova omnium plantarum in Imperio Japonico sponte nascentium . . . Tokyo & Osaka (The Sanseido Co., Ltd.) 1938-1951, 10 parts. (*Nov. fl. jap.*).
Co-editor: Masazi Honda (1897-x).
[*1*]: *Juncaceae,* by Yoshisake Satake, 1938, p. [i-vii], [1]-103.
[*2*]: *Hymenogastrineae* et *Phallineae,* by Yosio Kobayasi, p. [i-ix], [1]-90, *3 pl.*
[*3*]: *Saxifragaceae,* 1938, p. [i-iv], [1]-152.
[*4*]: *Polypodiaceae,* by Hirosi Itô, 1938, p. [i-ii], [1]-143, *pl. 1-35.*
[*5*]: *Parmeliales,* by Masami Satô, 1939, p. [i-xii], [1]-87, *pl. 1.*
[*6*]: *Eriocaulaceae,* by Yosisuki Satake, 1941, p. [i-vii], [1]-88, [1]-2, 2 charts.
[*7*]: *Cladoniales,* by Masami Satô, 1941 p. [i-viii], [1]-105.
[*8*]: *Myxomycetes,* by Yoshikadzu Emotu, 1942, p. [i-vii], [1]-2, [1]-2, [1]-238.
[*9*]: *Ardisiaceae,* by Takenoshin Nakai, Jan 1943, p. [i-vi], [1]-170.
[*10*]: *Hypericaceae,* by Yojiro Kimura, 1951, p. [i-v], [1]-[4], [1]-273, err. slip.
Copies: BR, FI, G.

Nam, Vincenzo (1855-?), Italian physician and botanist; Dr. med. Univ. Torino. (*Nam*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 537; BJI 2: 363, 694; Kew 4: 106; Saccardo 2: 77.
Cavillier, F., Boisiera 5: 66. 1941 (b. 25 Nov 1855).

6630. *Alassio and its flora* . . . Alassio (printed by Joseph Ottino) 1892. Oct. (*Alassio fl.*).
Publ.: 1892 (p. vii: 1 Mai 1892), p. [i-vii], [1]-160, [1-5]. *Copy*: G.

6631. Cav. Dott. Vincenzo Nam *Flora di Alassio* e dintorni. Con speciale riguardo alle proprietà medicinali delle piante. Alassio (Arti Grafiche Fratelli Pozzi) 1933-xi. Oct. (*Fl. Alassio*).
Publ.: 1933 (p. vii: 30 Mar 1933; Nat. Nov. Oct 1934), p. [i]-xx, [1, h.t.], [1]-376, err. slip, map. *Copy*: G. – The xi in the date on the t.p. refers to the year of the Mussolini calendar; not to November.

Nannfeldt, John [earlier Johan] **Axel** [Frithiof] (1904-x), Swedish botanist; Dr. phil.Uppsala 1932; from 1939-1970 director of the Botanical Museum at Uppsala. (*Nannf.*).

HERBARIUM and TYPES: UPS.- Further material at C, E, GB, H, NY, W. – For exsiccatae see S. Lundell.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 538; BFM 3079; BJI 2: 122; BL 2: 477, 694; BM 7:894; Bossert p. 281; GR p. 495; Hortus 3: 1200 ("Nannf."); IH 1 (ed. 2): 123, 2: (in press);

Kew p. 106-107; Kleppa p. 328; LS suppl. 19604-19606; MW p. 350, suppl. p. 252; Stevenson p. 1252; TL-2/2364; Zander ed. 10, p. 696, ed. 11, p. 794.
Anon., Generalregister Bot. Not. 1839-1938. 56. 1939.
Cavillier, F., Boissiera 5: 66. 1941.
Fries, R. E., Short hist. bot. Sweden 50, 64, 72. 1950.
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 113. 1970 (pl.E).
Jörgensen, C. A. et al., Biol. Skr. Dan. Vid. Selsk. 9(4):166. 1958.
Stafleu, F. A., Regn. veg. 5: 2. 1954 (portr.).

FESTSCHRIFT: Svensk botanisk Tidskrift 58(1), 1964 (portr.).

COMPOSITE WORKS: (1) *Campanulaceae, in* H. Smith, *Plantae sinenses,* Act. hort. Gothob. 5: 13-32, *pl. 3-14.* 1929.
(2) *Campanulaceae, in* H. Handel-Mazzetti, Symb. sin. 7: 1067-1081. 1936.

EPONYMY: *Jafnea* R. P. Korf (1960); *Jafneadelphus* Rifai (1968); *Nannfeldtia* Petrak (1947); *Nannfeldtiella* Eckblad (1968).

6632. *Studien über die Morphologie und Systematik der nicht-lichenisierten inoperculaten Discomyceten.* Inaugural-Dissertation von J. A. Nannfeldt. Uppsala (Almqvist & Wiksells Boktryckeri-A.-B.) 1932. Oct. (*Stud. nicht-lich. inoperc. Discomyc.*).
Thesis issue: 1932 (p. 12: 18 Jan 1932; submitted 5 Feb 1932), p. [i-ii], [1]-368, *pl. 1-20. Copies*: NY, USDA. – Nova Acta Soc. Sci. Upsal. ser. 4., vol. 8, no. 2.
Commercial issue: 1932 (Nat. Nov. Sep 1932), p. [1]-368, *pl. 1-20. Copies*: G, MICH, NY, Stevenson. – As thesis issue but without the thesis t.p.

6633. *Taxonomical and plant-geographical studies in the Poa laxa group* a contribution to the history of the North European mountain floras . . . Uppsala (A.-B. Lundequistska Bokhandeln . . .) [1935]. Oct. (*Tax. stud. Poa laxa*).
Publ.: Nov-Dec 1935 (p. 5: Nov 1935; BR rd. 16 Jan 1936), p. [1]-113, *pl. 1-4. Copies*: BR, G. – Symb. bot. Upsal. vol. 5.

Nannizzi, Arturo (1877-1961), Italian botanist; lecturer in mycology at the University of Siena; from 1935 also director of the Siena botanical garden. (*Nann.*).

HERBARIUM and TYPES: SIENA.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 173, 327, 345; Barnhart 2: 538; BL 1: 41, 310, 2: 385, 400, 403, 694; Hawksworth p. 284; IH 2: (in press); LS 37325, suppl. 19607-19633; MW p. 350; Rehder 1: 64, 227; Saccardo 1: 116; Stevenson p. 1252.
Ciferri, R., Taxon 1(8): 127. 1952.
Gager, C. S., Brooklyn Bot. Gard. Rec. 27: 289. 1938 (dir. bot. gard. from 1935).
Stockdale, P. M., Sabouraudia 1: 45. 1961 (epon.).
Tassi, F., Bull. Lab. Orto bot., Siena, 7: 45, 47-48. 1905 (b. 29 Oct 1877).

EPONYMY: *Nannizzia* P. M. Stockdale (1961).

NOTE: Main work (outside our period): *I parassiti delle piante officinale,* Roma 1941, p. [i]-xxvii, [1]-544. *Copy*: FI.

6634. *Le piante coltivate ed utili della Libia.* Siena (Premiata tipografia cooperativa) 1913. (*Piante Libia*).
Publ.: 1913 (p. v: Jan 1913), p. [i]-viii, [1]-192. *Copies*: FI, L.

6635. *Repertorio sistematico dei miceti dell' uomo* e degli animali. Siena (S.A. Poligrafica Meini) 1934 (a.xii.). (*Repert. mic. uomo*).
Publ.: Jul-Dec 1934 (p. vi: Jul 1934), p. [iii]-xii, [1]-557. *Copies*: FI, Stevenson. – Gino Pollacci, ed., Trattado di micopatologia umana, vol. 4.

Nardo, Giovanni Domenico (Giandomenico) (1802-1877), Italian botanist; Dr. med.

Padua; practicing physician and director of the orphanage at Venetia and director of the cholera hospital at S. Alviso. (*Nardo*).

HERBARIUM and TYPES: Museo civico di storia naturale, Venetia (algae).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 538; BM 3: 1392-1393; Bossert p. 281; Cesati p. 284-293, saggio p. 54-55; CSP 4: 569-571, 8: 481, 10: 898-899, 12: 532; De Toni 1: xc; Frank 3(Anh.): 70; Kew 4: 109; LS 18773; PR 6612 (ed. 1: 7380); Saccardo 1: 116, 2: 77, 156-157.
Anon., Ber. senckenb. naturf. Ges. 1877-78: 10. 1878; Bonplandia 3: 33. 1855 (Head physician of the central orphanage and practicing physician at Venice; cogn. Leopoldina: Penada).
Behn, W. F. G., Leopoldina 14: 17. 1878.
Gray, S. F., Nat. arr. Brit. pl. 1: 694. 1821 (epon.).
Koster, J. Th., Taxon 18: 555. 1969.
Müller, R. H. W. and R. Zaunick, Friedr. Traug. Kützing 102, 290. 1960.
Pirona, G. A., Atti Ist. Veneto Sci. Lett. Arti 4: 785-850. 1878 (biogr., b. 4 Mar 1802, d. 7 Apr 1877, bibl.).
Wittrock, V. B., Acta Horti Berg. 3(2): 164. 1903.

EPONYMY: *Nardoa* O. Kuntze (1903), *orth. var.* of *Nardia* S. F. Gray (1821, "*Nardius*", *orth. reg.*), corr. Carrington (1870, *nom.* et *orth. cons.*). *Note*: *Nardoa* Zanardina (1844) is very likely also named for this author. *Narda* Vellozo (1825) was named "in memoriam Antonii Nardi operum Hernandesii Collectoris."

6636. *Considerazioni generali sulle alghe* loro caratteri, classificazione composizione chimica e applicazioni alla medicina, all'arti, all'agricoltura ec. seguite da brevi cenni storici sui progressi dell'algologia e da due articoli riguardanti la formazione degli algari vivi e secchi, ec. e da un' appendice sulle Alighe lette al veneto ateneo il giorno 3 agosta 1835 da Gio. Domenico D.r Nardo . . . Venezia (dai tipi di Giuseppe Antonelli . . .) 1835. Oct. (in fours). (*Consid. alg.*).
Publ.: Sep-Dec 1835 (read 3 Aug 1835), p. [3]-46, [1, index]. *Copies*: FH, G. – Title on cover: "*Delle alghe* e dei loro usi nell'agricoltura, nella medicina e nelli arti."

Nascher, Friedrich Wilhelm (1702-1764), fictitious German botanist, stated to have resided in Havana and to have travelled in South America. (*Nascher*).

NOTE: One of the fictitious botanists listed by Barnhart (J. New York Bot. Gard. 20: 176-177. 1919) from Appleton's Cyclopaedia of American biography (4: 478-479. 1888). Some of the equally fictitious book-titles are: "Neueste Geschichte und Beschreibung des Brodbaums" 1758 (n.b. the bread-fruit tree was first introduced into tropical America in 1793), "Flora cubana" 2 vols., Leipzig 1758.
Conde, J. A., Historia de la botánica en Cuba 52. 1958 (accepts "Freidrich W. Nascher" as having existed and cites his *Flora cubana*).

Nash, George Valentine (1864-1921), American botanist and horticulturist; at the New York Botanical Garden from its initiation as collector (1896), curator of plantations (1899) and head gardener (1900); collected extensively in Florida and the West Indies. (*Nash*).

HERBARIUM and TYPES: NY (over 11.000); further material in many herbaria (large sets at K, MICH and US). – *Exsiccatae*: *Plants of Florida*, for details see e.g. Stevenson (1971). Sets at BPI, F, FH, MTMG, ND, NY, RSA.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 538; Blunt p. 257, 258; BM 3: 1393, 7: 895; Bossert p. 282; CSP 17: 451; Hortus 3: 1200 ("Nash"); IH 2: (in press); Langman p. 535; Lenley p. 365; LS 37327, suppl. 19674; MW p. 350-351; NW p. 53; Pennell p. 615; PH 164, 450, 937; Rehder 5: 607; TL-2/779, 781; Tucker 1: 511; Urban-Berl. p. 279, 289, 377, 378; Zander ed. 10, p. 696, ed. 11, p. 794.
Anon., Bot. Soc. Amer., Publ. 82: 105-106. 1922 (obit. notice); Torreya 21: 104, 1921, 22: 34. 1922.
Barnhart, J. H., J. New York Bot. Gard. 26: 149 (footnote) 1925.

Britton, N. L., J. New York Bot. Gard. 22: 145-147, *pl. 261*. 1921 (obit., portr., b. 6 Mai 1864, d. 15 Jul 1921).
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 113. 1970 (dupl.E).
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Jackson, B. D., Bull. misc. Inf. Kew 1901: 48 (dupl.K).
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Mains, F. B., *in* Donnelly, W. A. et al., Univ. Mich., Encycl. Survey 1454. 1956 (set in Parke Davis herb.).
Millspaugh, C. F., Field Mus. Publ., Bot. 2(3): 142. 1906 (on Bahama coll.).
Moldenke, H. N., Plant Life 2: 73. 1946 (1948) (eponomy).
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Stevenson, J., Beih. Nova Hedw. 36: 254-255. 1971 (exsicc.).
Urban, I., Symb. ant. 5:9. 1906.

COMPOSITE WORKS: (1) editor, with J. H. Barnhart, of *Addisonia* vol. 1 (1916)-6(1921). (2) NAF, *Podostemonaceae*, 22: 3-6. 22 May 1905, 535. 30 Dec 1918; *Butomaceae* 17: 63-64. 30 Jun 1909; *Poaceae* (pars) 17: 77-98. 30 Jun 1909, *Tropaeolaceae* 25: 89-91. 3 Jun 1910, *Poaceae* (pars) 17: 99-196. 18 Sep 1912, 197-198. 20 Dec 1915.

EPONYMY: *Nashia* Millspaugh (1906).

6637. *North American plants*, collected in Central Peninsular Florida, by George V. Nash. [s.l.]. 1894-1895. (*N. Amer. pl.*).
1894: 1894 (USDA rd. 31 Dec 1895), p. [1-4]. *Copy*: USDA.
1895: 1895, p. [1-4]. *Copy*: USDA. – "North American plants, collected in Florida, ... 1895".

Nathorst, Alfred Gabriel (1850-1921), Swedish palaeobotanist; Dr. phil. Lund 1874; lecturer at Lund 1874-1879; with the Swedish geological survey 1879-1884; from 1885-1917 professor and director of the palaeobotanical division of the Naturhistoriska Museum. (*Nath.*).

HERBARIUM and TYPES: (incl. fossil coll.): S and S-PA; other material at C, CGE, FI, GB, LD, LY. – Nathorst's correspondence is at the Library of the Royal Academy of Sciences, Stockholm.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 306-307; Barnhart 2: 539; BJI 2: 42, 2: 122-123; BL 2: 458, 513, 694; BM 3: 1394-1396, 7: 896-897; Bossert p. 282; Collander hist. p. 86, 87, 94; CSP 8: 482, 10: 900-901, 12: 532-533, 17: 456-458; DSB 9: 617-618; Frank 3(Anh.): 70; Herder p. 468; IH 2: (in press); Jackson p. 188, 498; Kew 4: 111; Kleppa p. 328; KR p. 519-530 (main bibl.); Lenley p. 306; LS 37327; Morren ed. 10, p. 103; PH 132; Quenstedt p. 309; Rehder 5: 607; SO 885, 1029, 1030, 1031, 1082, 1083, 1387a, 1410, 1411, 2924; Tucker 1: 511; Zander ed. 10, p. 696, ed. 11, p. 794.
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Nathorst, A. G., Ann. Rep. Smithson. Inst. 1908: 711-743 (Carl von Linné as a geologist).
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Wittrock, V. B., Acta Horti Berg. 3(2): 62-63, *pl. 8*. 1903 (portr.), 3(3): lxxii-lxxiii, 46, 208. 1903.
Wulff, E. V., Intr. hist. pl. geogr. 20, 21, 23. 1943.
Zittel, K. A. von, Hist. geol. palaeontol. 150, 392, 439, 447. 1901.

EPONYMY: *Nathorstia* O. Heer (1880); *Nathorstia* A. C. Seward (1894). *Note*: The etymology for *Nathorstiana* Richter (1909) and the related genus *Nathorstianella* M. F. Glaessner et V. R. Rao (1955) could not be determined.

6638. *Bidrag till Sveriges fossila Flora* . . . Stockholm (P. A. Norstedt & Söner, . . .) 1876-1878, 2 parts. Qu. (*Bidr. Sver. foss. fl.*).
Part [1]: 1876 (mss. presented 10 Feb 1875), p. [1]-82, *pl. 1-16* (by A. W. Westergren). *Copies*: BR, US. – Sv. Vet.-Akad. Handl. 14(3).
Part II: 1878 (mss. presented 28 Mai 1878), p. [1]-53, [1-2], *pl. 1-8* with text. *Copies*: BR, US(2). – Sv. Vet.-Akad. Handl. 16(7). *Floran vid Höganäs och Helsingborg*. Also publ. as Sv. geol. Undersökn. C, nr. 29 (*Copy*: USGS).
German (part 1): Jan-Feb 1878 (Bot. Zeit. 1 Mar 1878; J. Bot. Apr 1878), p. [i-v], [1]-34, *pl. 1-16*. *Copy*: USGS. – *Beiträge zur fossilen Flora Schwedens* . . . See also Verh. geol. Reichsanst. Wien 1876: 95-101 (abstract).

6639. Sveriges geologiska undersökning. *Om floran i Skånes kolförande bildningar* . . . I. Floran vid Bjuf. Stockholm (P. S. Nortstedt & Söner, . . .) 1878-1886, 3 parts. Qu. (*Fl. Skånes kolför. bildn.*).
1: 1878, p. [1]-52, *pl. 1-10*, Afh. Sv. geol. unders. C, no. 27.
2: 1879, p. [53]-82, *pl. 11-18*, id. C, no. 33.
3: 1886 (Bot. Jahrb. 29 Aug 1887), p. [83]-131, *pl. 19-26*, id. C, no. 85.
Copy: USGS. – For part II, *Floran vid Höganäs* . . . see above Bidr. Sv. foss. fl., part II.

6640. *Contributions à la flore fossile du Japan* . . . Stockholm (Kongl. Boktryckeriet . . .) 1883. Qu. (*Contr. fl. foss. Japan*).
Publ.: 1883 (mss. presented 7 Jun 1882), p. [1]-92, *pl. 1-16* (uncol. by W. E. Behm). *Copies*: BR, G, USGS. – K. Sv. Vet.-Akad. Handl. 20(2). For follow-up publ. see KR p. 522, no. 26.
Swedish: Bidrag till Japans fossila flora, *in* Vega-exp. vet. iakt. 2: 119-225, *pl. 4-19*. 1882, publ. Jan-Feb 1883. (reprint *copy*: USGS).
Ref.: Saporta, A. de, Ann. Sci. nat. Bot. ser. 6. 15: 149-167. 1883.
Nathorst, A. G., Ann. Sci. nat. Bot. ser. 6. 15: 337-341. 1883.
Ettingshausen, C. v., Sitz.-Ber. Acad., Wiss., Wien 88(1): 851-864. 1883.
Nathorst, A. G., Sv. Vet.-Akad. Bih. 9(18); 18 p. (reply to Ettingshausen).
Engler, A., Bot. Jahrb. 4: 463-466. 28 Aug 1883.

6641. *Nya bidrag till kännedomen om Spetsbergens kärlväxter*, och dess växtgeografiska förhållanden . . . Stockholm (Kongl. Boktryckeriet . . .) 1883. Qu. (*Nya bidr. Spetsb. kärlväxt.*).
Publ.: 1883 (t.p.; mss. submitted 10 Jan 1883; Bot. Zeit. 29 Aug 1884; Nat. Nov. Jul(1) 1884), p. [1]-88, 2 maps. *Copies*: BR, G. – K. Sv. Vet.-Akad. Handl. 20(6). – N's first

essays on this subject were published in Bot. Not. 1871: 105-177, Bot. Jahrb. 4: 432-448, 616. 1883.

6642. Ueber die Reste eines Brotfruchtbaums, *Artocarpus Dicksoni* n.sp., aus den Cenomanen Kreideablagerungen Grönlands ... Stockholm (Kongl. Boktryckeriet, P. A. Norstedt & Söner) 1890. Qu. (*Artocarpus Dicksoni*).
Publ.: Mar-Mai 1890 (mss. presented 12 Feb 1890; Bot. Zeit. 27 Jun 1890), p. [1]-10, *pl. 1*. *Copies*: BR, US.

6643. *Zur paläozoischen Flora der arktischen zone* enthaltend die auf Spitzbergen, auf der Bären-Insel und auf Novaja-Zemlja von den schwedischen Expeditionen entdeckten paläozoischen Pflanzen ... Stockholm (Kungl. Boktryckeriet. P. A. Norstedt & Söner) 1894. Qu. (*Paläoz. fl. arkt. zone*).
Publ.: 1894 (mss. presented 7 Jun 1893; Bot. Zeit. 16 Jul 1894), p. [1]-80, [1], *pl. 1-16* (uncol., C. Hedelin). *Copies*: BR, G, US. – K. Sv. Vet.-Akad. Handl. 26(4). – German abstract in Jahrb. geol. Reichsanst., Wien 44: 87-98. 1894.
Re-issue: 1914, in *Foss. fl. Polarländer*, vol. 1 (first paper). *Copy*: G. (with follow-up "Nachträge").

6644. *Zur mesozoischen Flora Spitzbergens* gegründet auf die Sammlungen der schwedischen Expeditionen ... Stockholm (Kungl. Boktryckeriet. P. A. Norstedt & Söner) 1897. Qu. (*Mesoz. Fl. Spitzberg.*).
Publ.: Jul-Sep 1897 (mss. presented 9 Jun 1897; Bot. Zeit. 16 Oct 1897), p. [1]-77, *pl. 1-6* (uncol., A. Ekblom) with text. *Copies*: BR, G, U, US, USGS. – K. Sv. Vet.-Akad. Handl. 30(1). – *Nachträgliche Bemerkungen, in* K. Sv. Vet.-Akad. Öfvers. 54: 383-387. 1897.
Re-issue: 1914, in *Foss. Fl. Polarländer*, vol. 1 (second paper). *Copy*: G.

6645. *Zur oberdevonischen Flora der Bären-Insel* ... Stockholm (Kungl. Boktryckeriet. P. A. Norstedt & Söner) 1902. Qu. (*Oberdevon. Fl. Bären-Ins.*).
Publ.: Sep 1902 (mss. presented 4 Jun 1902; p. 60: 26 Aug 1902, printed), p. [1]-60, *pl. 1-14* (uncol.; Th. Ekblom). *Copies*: BR, G, US. – K. Sv. Vet.-Akad. Handl. 36(3).
Re-issue: 1914, in *Foss. Fl. Polarländer* vol. 1 (third paper). *Copy*: G.

6646. *Beiträge zur Kenntnis einiger mesozoischen Cycadophyten* ... Stockholm (Kungl. Boktryckeriet. P. A. Norstedt & Söner) 1902. Qu. (*Beitr. mesoz. Cycadoph.*).
Publ.: Oct-Nov 1902 (mss. presented 10 Sep 1902; Bot. Zeit. 1 Dec 1902), p. [1]-28, *pl. 1-3* (uncol., C. Hedelin & Th. Ekblom). *Copy*: US. – K. Sv. Vet.-Akad. Handl. 36(4). Solms-Laubach, H., Bot. Zeit. 60(2): 360-361. 1902.

6647. *Svenska växtnamn* ... Stockholm (1: Kungl. Boktryckeriet. P. A. Norstedt & Söner; 2-5: Arkiv för Botanik) 1903-1904, 5 parts. Oct. (*Sv. växtnamn*).
Publ.: in five parts. *Copies*: BR, G, H, U.
1: 1903 (printed 10 Feb 1903), p. [1]-72. *Copy*: U. – Bihang K. Sv. Vet.-Akad. Handl. 28(III, 9). – *Erratum* in Bot. Not. 1903: 98; popular account "Låt oss behålla våra svenska växtnamn," Stockholm 1905, 30 p., n.v. – *History*.
2: Dec 1903-Jan 1904 (printed 23 Dec 1903; Nat. Nov. Feb(1) 1904), Ark. Bot. 1: [497]-513. – *History, bibl.*.
3: 11-29 Feb 1904 (p. [108]: printed 11 Feb 1904; Nat. Nov. Mar(2) 1904), Ark. Bot. 2(1): [1]-179, [180]. – *List standard vernacular names*.
4: Apr-Mai 1904 (p. 12: 8 Apr 1904; Nat. Nov. Jun(1) 1904), Ark. Bot. 2(8): [1]-12. – *Linnaeus' position*.
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See KR p. 527 for a list of reviews and criticisms. N. contributed also a list of vernacular names to Krok & Almquist, *Sv. fl. Skolor* 1, ed. 9, 1903.
Revised ed. of part 3: Mar-Jul 1905 (p. iv: Mar 1905; Nat. Nov. Aug(1) 1905), p. [i]-iv, [1]-112. *Copies*: NY, USDA. – "*Svenska växtnamn* förteckning på Sveriges viktigaste kärlväxter med svenska namn på arter, släkten, familier och klasser ..." ny reviderad upplaga. Stockholm (P. A. Norstedt & Söners Förlag), s.d. Oct.

6648. *Paläobotanische Mitteilungen* ... Uppsala & Stockholm (Almqvist & Wiksells Boktryckeri-A.-B.) 1907-1912. Qu. (*Paläobot. Mitt.*).
Publ.: A series of 11 papers published as issues of K. Sv. Vet.-Akad. Handl. (KSVH). *Copy*: US(2).
1 & *2*: 1907 (p. 20: printed 5 Jul 1907; Bot. Jahrb. 3 Mar 1908), p. [1]-20, *pl. 1-3*. – KSVH 42(5).
3: 1908 (mss. presented 11 Mar 1908; US rd. 30 Nov 1908; Bot. Zeit. 1 Dec 1908), [1]-14, *pl. 1-2*. – KSVH 43(3).
4-6: 1908 (mss. presented 27 Mai 1908; US rd. 30 Nov 1908), p. [1]-32, *pl. 1-4*. – KSVH 43(6).
7: Dec 1908 or early 1909 (mss. presented 2 Dec 1908; t.p. 1908; US rd. 23 Sep 1909), p. [1]-20, *pl. 1-3*. – KSVH 43(8).
8: Nov-Dec 1909 or early 1910 (mss. presented 10 Nov 1909; t.p. 1909; US rd. 5 Mai 1910), p. [1]-37, *pl. 1-8*. – KSVH 45(4).
9: 1911 (mss. presented 22 Feb 1911; US rd. 6 Jan 1912), p. [1]-33, *pl. 1-6*. – KSVH 46(4).
10: 1911 (mss. presented 26 Apr 1911; US rd. 6 Jan 1912), p. [1]-11, *pl. 11*. – KSVH 46(8).
11: 1912 (mss. presented 6 Dec 1911; t.p. 1912; US rd 11 Dec 1912), p. [1]-14, *pl. 1-2*. – KSVH 48(2).
Ref.: Solms, Bot. Zeit. 66(2): 371-372. 1908.

6649. *Zur fossilen Flora der Polarländer* ... Erster Teil enthaltend: ... Stockholm (Kungl. Boktryckeriet. P. A. Norstedt & Söner) 1914. Qu. (*Foss. fl. Polarländ.*).
Publ.: 1914, a reissue of nos. 6643, 6644, 6645 with a (4) *Nachträge zur Paläozoischen Flora Spitzbergens*. *Copy*: G.
Preface: p. [i-iii], (*1*): [1]-80, [81] *pl. 1-16*; (*2*): [1]-77, [1], *pl. 1-6*; (*3*): [1]-60, *pl. 1-14 and* (*4*): [i-iii], [1]-110, *pl. 1-15*.
Zweiter Teil, 1. *Lief.*: Oct-Dec 1920 (p. 45: printed 27 Sep 1920; Nat. Nov. Feb 1921), p. [i-iv], [1]-45, *6 pl. Copy*: Geol. Bureau Heerlen. – *Zur Kulmflora Spitzbergens*, Stockholm (id.) 1920. Qu. (*Kulmfl. Spitzb.*).

Nattras, Roland Marshall (1895-x), British plant pathology; Univ. Lond. B.Sc. 1921 (*Nattras*).

HERBARIUM and TYPES: IMI; Kenyan material also in EA.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 539; IH 2: (in press); Kew 4: 115; LS suppl. 19675-19686; Stevenson p. 1252.

6650. Department of Agriculture Cyprus. *A first list of Cyprus fungi* ... Nicosia (the Government of Cyprus) 1937. (*Cyprus fung.*).
Publ.: Dec 1937 (p. vi: USDA rd. 17 Feb 1938), p. [iii]-xvi, [1]-87, *pl. 1-15* (uncol.). *Copies*: BR, USDA.
Ref.: Dearness, J., Mycologia 30: 354-355. 1 Jun 1938 (rev.).

Naudin, Charles Victor (1815-1899), French botanist and horticulturist; Dr. sci. Paris 1842; botanist at the Muséum d'Histoire naturelle 1845 (aide-naturaliste 1854); owner of a private experimental garden at Collioure 1869-1878; from 1878 director of the botanical garden of the Villa Thuret at Antibes; early plant hybridiser. (*Naudin*).

HERBARIUM and TYPES: material at A, G, K, P.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 390; Barnhart 2: 539; BM 3: 1402; Bossert p. 282; Bret. p. 931; CSP 4: 575-576, 8: 483, 10: 901, 17: 459; DSB 9: 618-619 (bibl.); Frank 3(Anh.): 70; Hegi 5(2): 1463; Herder p. 235, 328, 339; Hortus 3: 1200 ("Naud."); IH 2: (in press); Jackson p. 136; Kew 4: 116; Langman p. 535-536; Lasègue p. 102, 296; Lenley p. 306, 464; LS 18785-18786, 37329; Moebius p. 55, 343, 350; Morren ed. 2, p. 18, ed. 10, p. 55, 59; MW p. 351-352, suppl. p. 253; NI 1434-1435; Plesch p. 346; PR 6616-6617 (ed. 1: 7387); Rehder 5: 609-610; RS p. 121; TL-1/273; TL-2/1339, 1975, 2625; Tucker 1: 511-512; Zander ed. 10, p. 696, ed. 11, p. 794.
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Sahut, F., Charles Naudin, notice nécrologique et biographique, Montpellier (chez l'auteur) 1899, 16 p. (biogr., portr., b. 14 Aug 1815, d. 19 Mai 1899).
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EPONYMY: *Naudinia* Decaisne ex B. C. Seemann (1866); *Naudinia* Planchon et Lindley (1853, *nom. cons.*); *Naudinia* A. Richard (1846, *nom.rej.*); *Naudiniella* Krasser (1893).

6651. Thèse pour le doctorat ès-sciences naturelles, presentée à la Faculté des Sciences de Paris, le 14 août 1842; par Charles Naudin, ... [title on p. [3]: *Études sur la végétation des Solanacées*, la disposition de leurs feuilles et leurs inflorescences.] Paris (Imprimerie de Pierre Baudouin, ...) 1842. Qu. (*Étud. Solan.*).
Publ.: 14 Aug 1842 (Flora rd. before 28 Dec 1842), p. [1]-35, [36], *1 pl. Copy*: NY.

6652. *Melastomacearum* quae in musaeo parisiensi continentur *monographicae descriptionis* et secundum affinitates distributionis tentamen auctore Carolo Naudin excerptum e collectaneis quae inscribuntur Annales des Sciences naturelles (tom. xii-xviii). Parisiis (apud Victor Masson, ...) 1849-1853. Oct. (*Melast. monogr. descr.*).
Publ.: Oct 1849-Oct 1852, p. [i], [1]-718, [719-720, ind.], *27 pl.* (uncol., auct.). *Copies*: BR, G, US, Wurdack. – Consolidated reprint of a series of papers in Ann. Sci. nat. Bot. ser. 3:

Ann.	journal	reprint	date (journal)
12(10)	196-284	1-89	Oct 1849
13(1)	25-39	90-104	Jan 1850
13(3)	126-159	105-138	Mar 1850
13(5)	273-303	139-169	Mai 1850
13(6)	347-362	170-185	Jun 1850
14(1)	53-76	186-209	Jul 1850
14(2)	118-165	210-257	Aug 1850
15(1)	43-79	258-294	Jan 1850
15(4)	276-345	295-364	Apr 1850
16(2)	83-246	365-528	Aug 1850
17(5)	305-382	529-606	Mai 1851
18(2)	86-154	607-676	Aug 1852
18(5)	257-294	677-714	Oct 1852
index		715-[720]	1853

6653. *Revue des Cucurbitacées* cultivées au Muséum, en 1859, par M. Ch. Naudin [extrait des Annales des Sciences naturelles, ...] 1859. Oct.
Publ.: Aug-Sep 1859, p. [1]-86, *pl. 8-10* (uncol., Alf. Riocreux). *Copy*: G. – Reprinted from Ann. Sci. nat. Bot. ser. 4. 12: 79-128. Aug 1859, 129-164. Sep 1859. To be cited from journal.

6654. *Espèces et variétés nouvelles de Cucurbitacées* cultivées au Muséum d'Histoire naturelle, en 1860 et 1861, par M. Ch. Naudin, ... [Extrait des Annales des Sciences naturelles, ...] [1862]. Oct.
Publ.: Aug-Sep 1862, p. [1]-46, *pl. 1-5* (uncol., Alf. Riocreux). *Copy*: G. – Reprinted from Ann. Sci. nat. Bot. ser. 4. 16: 154-192. Aug 1862, 193-199. Sep 1862. To be cited from journal.

Naumann, Einar Christian Leonard (1891-1934), Swedish limnologist and algologist; Dr. phil. Lund 1917; lecturer (1917) and professor (1919) of limnology at Lund; one of the founders, with A. Thienemann, of the Soc. int. Limnol. (*Naumann*).

HERBARIUM and TYPES: Limnological Institute, University of Lund.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 539; BJI 2: 123; BM 7: 901-902; Bossert p. 282; Hirsch p. 210; Kew 4: 116; KR p. 531-535 (main bibl.); Moebius p. 378.
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Wallengren, H., K. Fysiol. Sellsk. Förh., Lund 4: 45*-53*. 1935 (n.v.).
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EPONYMY: *Naumannia* Warburg (1891) is dedicated to F. C. Naumann (1841-1902), physician and plant collector on the voyage of the "Gazelle".

Naumburg, Samuel Johann (1768-1799), German botanist; professor of botany at Erfurt (*Naumb.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1404; CSP 4: 579; Dryander 3: 389; PR 6619-6620 (ed. 1: 7389-7390); Rehder 1: 84.

EPONYMY: *Naumburgia* Moench (1802).

6655. Dissertatio inauguralis botanica sistens *delineationes Veronicae chamaedryos*, Dianthi carthusianorum, Lumii [sic] maculati et purpurei, Arabis alpinae, Violae grandiflorae, Zanichelliae palustris ac Polymorphi tremelloidis. Quam praeside D. Joanne Friderico Weissenborn, ... pro gradu doctoris summisque in medicina et chirurgia honoribus ac privilegiis rite capessendes a.d. i. Augusti mdcclxxxxii h.l.c. publice defendet auctor Johannes Samuelis Naumburg. Erfordensis. Erfordiae [Erfurt] (litteris I. C. Goerling ...) [1792]. Oct. (*Delin. Veronic. chamaedr.*).
Publ.: 1 Aug 1792, p. [i]-viii, [9]-35, [36]. *Copy*: G.

Naumov, Nikolai Alexandrovič (1888-1959), Russian mycologist; Dr. phil. St. Petersburg 1910; later at the Jaczevski Institute of mycology of Leningrad. (*Naumov*).

HERBARIUM and TYPES: At the All-Union Institute of Plant Protection, Yachevsky Laboratory, Leningrad (part), Department of Botany of Leningrad State University (major part); LE (minor part) (inf. S. Lipschitz).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 540; BM 7: 902; Bossert p. 282; Hawksworth p. 184; Hirsch p. 210; IH 2(in press); Kew 4: 116; MW p. 352, suppl. p. 253; Stevenson p. 1252.
Chochrjkov, M. K., Bot. Zhurn. 44: 1770-1778. 1959 (obit., bibl.).
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Shetler, S. G., The Komarov Bot. Institute, portr. facing p. 59. 1967.

EPONYMY: *Naumovia* Dobrozrakova (1928); *Naumoviella* Novotelnova (1950); *Neonaumovia* S. R. Schwarzman (1959). *Note*: *Naumovela* Kravtzev (1955) probably also honors this author. *Naumovaspora* J. Jansonius (1962) honors S. N. Naumova, an early Russian palynologist.

6656. Opredelitel' Mukorovykh (*Mucorales*) ... Moskva, Leningrad (... Akademia Nauk SSSR) 1935. Oct. (*Mucorales*).
Publ.: 23 Jun 1935, p. [1]-136, [1-2], *1 pl. Copy*: USDA. – Second edition of Tablitsy dlia opredielniia pred stavitelei Mucoraceae, 60 p., 1915 (n.v.). For a French translation see below.

6657. *Clés des mucorinées* (Mucorales) par N. A. Naumov ... Traduit sur la 2e édition russe avec des notes additionelles de l'auteur par S. Buchet ... [et] I. Mouravier ... préface de M. le professeur Pierre Allorge ... Paris (Paul Lechevalier ...) 1939. Oct. (*Clés mucor.*).
Publ.: Feb-Apr 1939 (p. xli: printing completed 12 Jan 1939; Nat. Nov. Mai 1939; Bot. Jahrb. 18 Aug 1939), p. [i-iii], [1]-137, [i]-xxxvi, [xxxvii-xli]. *Copies*: BR, G, Stevenson, USDA. – A French translation of no. 6656.
Ref.: Ulbrich, E., Bot. Jahrb. 70(Lit.): 31-32. 18 Aug 1939.

Navarro de Andrade, Edmundo (1881-1941), Brazilian entomologist, botanist and forester at São Paulo. (*E. Navarro*).

HERBARIUM and TYPES: R.

BIBLIOGRAPHY and BIOGRAPHY: BL 1: 242, 310; BM 7: 903; IH 2: (in press).
Anon., O Biologico 7(12): 354-355. 1941 (obit., portr.); Revista entom. Rio de J. 12: 681. 1941.
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6658. *Les bois indigènes de São Paulo*. Contribution à l'étude de la flore forestière de l'état de S. Paulo ... São Paulo 1916. (*Bois indig. São Paulo*).
Co-author: Octavio Vecchi (fl. 1916).
Publ.: 1916, p. [i*], [i]-v, 1-376. *Copy*: USDA.

Nave, Johann (1831-1864), Bohemian financial administrator and botanist; educated at

Brünn (Brno), studied in Vienna with Unger 1850-1854; from 1854-1864 again in Brünn as civil servant in the regional finance department. (*Nave*).

HERBARIUM and TYPES: BRNU; further material W, WRSL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 540; BM 3: 1404; CSP 4: 579-580; De Toni 1: xc, 2: lxxxiv; DTS 1: 387; Jackson p. 218; Kelly p. 160, Kew 4: 117; Klášterský p. 132; KR p. 535; LS 18804-18806; Nordstedt p. 24; PR 6621; WU 20: 106-107.
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Heufler, L., Österr. bot. Z. 14: 402-403. 1864 (on his Vorarb. Krypt.-Fl. Mähren).
Iltis, H., Verh. Naturf. Ver. Brünn 50: 306-307, photogr. 1912.

6659. *Anleitung zum Einsammeln,* Präpariren und Untersuchen der Pflanzen, mit besonderer Rücksicht auf die Kryptogamen. Im Anschluss an den Elementarcursus der Kryptogamenkunde von Conrector W. O. Helmert und Dr. L. Rabenhorst. Mit einem Vorwort von Dr. L. Rabenhorst, nebst 9 in den Text gedruckten Holzschnitten ... Dresden (H. Burdach) 1864. Oct. (*Anleit. Einsamm.*).
Preface: Gottlob Ludwig Rabenhorst (1806-1881).
Publ.: Apr 1864 ("nächstens" Hedwigia Jan 1864; soeben ib. Apr 1864), 1-94. (n.v.).
English ed.: 1869, p. [iii]-xii, [1]-203, *pl. 1-26* (uncol.). *Copies*: B, PH. – "*A handy-book to the collection and preparation of freshwater and marine algae, diatoms, desmids, fungi, lichens, mosses* and other of the lower cryptogamia with instructions for the formation of a herbarium by Johann Nave translated and edited by the Rev. W. W. Spicer, M. A. ..." London (Robert Hardwicke, ...) 1869. Oct. (William Webb Spicer, 1820-1876). (*Handy-book coll.*).
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English ed. [4]: 1905 (Nat. Nov. Apr(2) 1905), 214 p. "*Collector's handbook of Algae, ...*" London 1905.
Swedish ed.: 1869, p. [i]-viii, [ix-xii], [1]-99. *Copies*: H, LD. – "*Anvisning till växternas insamling* ... Svensk bearbetning af Alfred Falck [Carl Martin Alfred Immanuel Falck, 1844-1871] ..." Stockholm (I. Haeggströms boktr.) 1869. Oct. – See KR p. 535. (*Anvisn. växt. insaml.*).
Ref.: Anon., Hedwigia 3(10): 148-151. 1864.
Schlechtendal, D. F. L. von, Bot. Zeit. 22: 287-288. 1864.

Naveau, [Georges] **Raymond** [Léonard] (1889-1932), Belgian bryologist; director of the botanic garden and of the natural history museum at Antwerp; teacher at the Belvers agricultural college. (*Naveau*).

HERBARIUM and TYPES: AWH[?]; further material at BM, BR, H.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 540; Bossert p. 283; Hirsch p. 210; IH 2: (in press); LS suppl. 19710-19713; MW p. 352; SBC p.128.
Anon., Hedwigia 73: (198). 1933 (d. 11 Nov 1932).
Dixon, R. N., J. Bot. 71: 49-50. 1933.
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Vandendries, R., Bull. Soc. r. Bot. Belg. 65: 77-80. 1933 (obit., portr. bibl.).

6660. *Musci bequaerti* (Bulletin de la Société Royale de Botanique de Belgique ...) 1927. Oct.
Collector: Joseph Charles Corneille Bequaert (1886-?).
Publ.: 1927, reprint with special cover but original pagination from Bull. Soc. Bot. Belg. 60(1): 11-56. 1927. *Copies*: FH, H.

Ref.: Anon., Rev. bryol. ser. 2.1(1): 64. 5 Mar 1928.

Náves, Andrés (1839-1910), Spanish Augustinian friar; collected in the Philippine Islands (*Náves*).

HERBARIUM and TYPES: Original collections destroyed; some material at MA.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 390; Barnhart 2: 540; BM 3: 1404; Hortus 3: 1200 (Náves); IH 2: (in press); Kew 4: 117; Rehder 5: xxvi; SK 1: 381; TL-1/362; TL-2/553, 1766, see also M. J. Berkeley; Tucker 1: 512; Zander ed. 10, p. 696, ed. 11, p. 794.
Merrill, E. D., Species blancoanae 14-21. 1918, Enum. Philipp. pl.4: 212. 1926 (on Novissima Appendix).
Moldenke, H. N., Plant Life 2: 73. 1947 (1948).

COMPOSITE WORKS: Editor (and co-author of Noviss. App.) of Blanco, *Fl. Filip., ed. 3*, q.v. (TL-2/553). For a review of the *Noviss App.* see for instance Peter, Bot. Centralbl. 18: 175-176. 1884.

Nawaschin, Sergius Gawrilowitsch [Navashin, Sergei, Gavrilovich] (1857-1930), Russian botanist (cytologist); lecturer at St. Petersburg 1888-1894; from 1894-1915 director of the botanical garden at Kiew; from 1915-1923 at Tiflis; from 1923 at Moscow as head of the Timiriazev Inst., from 1929 at the Cytological Laboratory of the Academy of Sciences, Detskoje Selo nr. Leningrad. (*Nawaschin*).

HERBARIUM and TYPES: LE, incl. material from Java; some Russian mosses at B.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 540; BJI 2: 123; BM 3: 1404; Bossert p. 282; CSP 17: 461-462; DSB 10: 1-2; IH 2: (in press); Kew 4: 117; LS 18807-18813, 37343; Morren ed. 10, p. 98; Rehder 5: 610; SBC p. 128; SK 1: 381; Stevenson p. 1252; Tucker 1: 512; Urban-Berl. p. 309.
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Sayre, G., Bryologist 80: 514. 1977.
Tsitsin, N. V. et al., Byull. Glavn. Bot. Sada, Moscow 89: 3-10. 1973 (fide Kew Record).
Verdoorn, F., Chron. bot. 1: 29. 1935 (portr.).
Wittrock, V. B., Acta Horti Berg. 3(3): 189, *pl. 122*. 1905 (portr.).

Neal, Adam (*fl.* 1770's), British gardener to J. Blackburne at Warrington. (*A. Neal*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1404; Desmond p. 460 Neale); Dryander 3: 99; Henrey 2: 274, 643, 3: 96; Jackson p. 415; PR 6622 (ed. 1: 7393); Rehder 1: 53, 5: 610; Tucker 1: 512.
Johnson, G. W., Hist. Engl. gardening 238. 1829.

6661. *A catalogue of the plants in the garden of John Blackburne,* Esq. at Oxford, Lancashire. Alphabetically arranged according to the Linnaean system. By Adam Neal, Gardener. Warrington (printed by William Eyres) 1779. Oct. (in fours). (*Cat. gard. Blackburne*).
Publ.: 1779 (p. iii: 1 Feb 1779), p. [i-iv], [1]-72. *Copy*: BR. – Henrey 1162 cites copies at BM-Bloomsbury and OXF. – See also R. Weston, Suppl. English Fl. 99-114. 1780.

Neal, Marie Catherine (1889-1965), American botanist; B. A. Smith Coll. 1912; M. Sc. Yale 1925; from 1920 at B. P. Bishop Museum, Honolulu; after 1930 in charge of the herbarium. (*M. Neal*).

HERBARIUM and TYPES: BISH; further material at BH, NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 541; BL 1: 110, 310; BM 7: 904; Bossert p. 283; IH 2: (in press); Kew 4: 120; Plesch p. 346; Zander ed. 10, p. 696, ed. 11, p. 794.
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6662. *In Honolulu gardens* by Marie C. Neal. Legends by Berta Metzger ... Honolulu, Hawaii (Published by the [Bernice P. Bishop] Museum) 1928. Oct. (*Honolulu gard.*).
Ed. 1: Dec 1928, p. [i*], i-iv, [3]-327, *pl. 1-27*. *Copy*: NY. – Bernice P. Bishop Mus. Special Publ. 13.
Ed. 2: Mar 1929, p. [i*-ii*], i-iv, [1]-336, *pl. 1-27*. *Copies*: MO, NY, USDA. – Idem.
Expanded version: *In gardens of Hawaii,* 1948, p. [i-ii], [1]-805. *Copies*: NY, RSC, USDA. – Bernice P. Bishop Museum Special Publication 40. – *second edition*: 1965, p. [i]-xix, 1-924. Idem 50. *Copies*: FAS, NY, RSC, US (see Taxon 15: 39-40. 1966).

6663. *Hawaiian marine algae* ... Honolulu, Hawaii (Published by the [Bernice P. Bishop] Museum) 1930. Oct. (*Haw. mar. alg.*).
Publ.: 1930, p. [i], [1]-84. *Copy*: FH. – Bernice P. Bishop Museum Bull. 67.

Nealley, Greenleaf Cilley (1846-1896), American botanist; in Burlington, Iowa 1863-1882; with Texas A & M 1882-1883, in Houston 1886-1891; at San Antonio and San Diego, Texas 1892-1896; collected grasses for USDA (*Nealley*).

HERBARIUM and TYPES: US; further material at F, L, MSC, NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 541; BM 3: 1404; Bossert p. 283; CSP 17: 463; IH 2: (in press); Pennell p. 615; Rehder 5: 610; Urban-Berl. p. 378.
Coulter, J. M., Contr. U.S. natl. Herb. 1: 29-65. 1890 (pl. Nealley coll. Texas 1887-1889).
Geiser, S. W., Field & Laboratory 16: 41-46. 1947 (portr.; biogr. details).
Hitchcock, A. S. & A. Chase, Man. Grass. U.S. 987-988. 1951.
McVaugh, R., Field & Laboratory 14: 70-88. 1946 (on N's travels, localities and colls. 1887-1892 based on about 275 letters by N. to G. Vasey).
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6664. *Report of an investigation of the grasses of the arid districts of Texas,* New Mexico, Arizona, Nevada, and Utah, in 1887. Washington (Government Printing Office) 1888. Oct. (*Invest. grass. Texas*).
Co-authors: Samuel Mills Tracy (1847-1920); George Vasey (1822-1893).
Publ.: 1888 (transmittal 20 Jan 1888), p. [1]-61, *pl. 1-30* (uncol.). *Copy*: USDA. – Text by Neally on p. [30]-47.

Necker, Noel Joseph de (1730-1793), French-born botanist and historiographer; later "kurpfälzischer Botaniker" in Mannheim (*Neck.*).

HERBARIUM and TYPES: Unknown. Some mosses perhaps in B-Bridel (fide Sayre 1977).

NAME and NATIONALITY: Necker was born in Lille on 25 Dec 1730 and baptised Natalis Martinus Joseph, in French Noël Martin Joseph; see MD p. ii and E. Leclair Bull. Soc. Études Prov. Cambrai 10: 184-189. 1897.

BIBLIOGRAPHY and BIOGRAPHY: ADB 23: 368-376; AG 5(1): 781; Ainsworth p. 32, 65, 312, 345; BM 3: 1406, 7: 905; Bossert p. 283; Dryander 3: 27, 33, 48, 145, 156, 221, 224, 311; Frank 3(Anh.): 70; GR p. 290-291, cat. p. 68; Hawksworth p. 184, 196; Hegi 7: 559; Herder p. 468; Hortus 3: 1200 ("Neck."); IF suppl. 1: 132; Jackson p. 152; Kew; 4: 121; Krempelh. 1: 37, 466, 472, 509, 572, 603, 612, 2: 39, 44-48; LS 18817-18822, 37347; MD p. ii; Moebius p. 97; NAF 28B(2): 348; NI 1436; PR 6632-6638, 10288 (ed. 1: 7404); Rehder 5: 611; RS p. 121; SBC p. 128; SO 148, 474, 650da, 655a, 694; TL-1/908-911; Tucker 1: 512; Zander ed. 10, p. 696, ed. 11, p. 794.

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Mansfeld, R., Taxon 7: 155-156. 1958 (proposed to treat Necker's generic taxa termed natural species as validly published).
Margadant, W. D., *in* Lawrence, G. H. M., ed., Adanson 1: 301, 334. 1963.
M. B., L'auteur justifié ou examen de la récension faite par les journalistes de la Bibliothèque universelle allemande au sujet de la physiologie de M. de Necker. Mannheim (De l'imprimerie de la cour) 1798, 30 p. (copy at M; possibly written by Necker himself).
Meusel, J. G., Lex. teut. Schriftst. 10: 30-31. 1810 (bibl.).
Necker, N. J. de, Liste des écrits, *in* Philosophie zoologique 1-16. 1790; Phytologie philosophique 11-16. 1790.
Oligschläger, F. W., Flora 16(1): 340. 1833.
Proskauer, J., Taxon 7: 124. 1958, 8: 19. 1959.
Sayre, G., Bryologist 80: 514. 1977 (mosses in B. Bridel?).
Stafleu, F. A., Taxon 12: 74-75. 1963; Linnaeus and the Linnaeans 273. 1971; see also *in* Daniels, G. S. and F. A. Stafleu, Taxon 22(1): 56. 1973 (portr.).
Stafleu, F. A. et al., eds., Int. code bot. nom., ed. Leningrad 1978, art. 20.4(b) (The unitary designations of N's species naturales not to be treated as generic names).
Willmott, A. J., Bull. misc. Inf. Kew 1955: 92; Syn. prop. Brit. Bot. 77-80. 1935 (Necker's names of "species naturales" to be rejected).
Wittrock, V. B., Acta Horti Berg. 3(2): 137. 1903, 3(3): 146. 1905.

EPONYMY: *Neckeria* Scopoli (1777, *nom. rej.*), *Neckera* J. Hedwig (1801, *nom. cons.*) and *Neckeria* J. F. Gmelin (1791, *nom. rej.*) very likely commemorate Necker. *Note*: The following genera were derived from *Neckera* J. Hedwig: *Metaneckera* W. C. Steere (1967); *Neckeradelphus* Lazarenko (1941); *Neckeradelphus* W. C. Steere (1941) and *Neckeropsis* Reichardt (1870). *Neckia* Korthals (1848) was named in honor of Jacob van Neck (1564-1638) Dutch admiral who was one of the first to travel to Southeast Asia. *Dicneckeria* Vellozo (1825) is dedicated "in memoriam D. Dicnecker", whose identity could not be established.

6665. Natalis Josephi de Necker *Deliciae gallo-belgicae* silvestres, seu tractatus generalis plantarum gallo-belgicarum ad genera relatarum, cum differentiis specificis, nominibus trivialibus, pharmaceuticis, locis natalibus, proprietatibus virtualibus ex observatione, chemiae legibus, auctoribus praeclaris cum animadversionibus secundum principia linnaeana ... Argentorati [Strasbourg] (Venditur apud Jacob. Francisc. Leroux. Bibliop. Ex prelo Jonae Lorenzii, typographi) 1768. Oct. (*Delic. gallo-belg.*).
Publ.: 1768, p. [i]-xxiv, [1]-288, [i], [289]-568, index sign. Nn_5-Rr_1, *2 pl.* (uncol.), in 2 vols. with consecutive pagination. *Copies*: G, M; IDC 5145.

Reissue: 1773, p. [i]-xxiv, [1]-288, [i], [289]-568, index as in orig. ed., *2 pl.* (id.). *Copies*: BR, FI.
Note: Unlike those in the *Elementa,* the generic names published in the *Deliciae* must be taken into account for botanical nomenclature. A certain number of them are pre-linnaean names taken up here for the first time, others are orthographic variants of names previously and validly published by other authors. In general these variants are of no importance. Necker used here also Linnaean binomials as specific names.

6666. N. J. de Necker ... *Methodus muscorum* per classes, ordines, genera ac species cum synonymis, nominibus trivialibus, locis natalibus, observationibus digestorum, aeneisque figuris illustratorum ... Mannhemii [Mannheim] (ex Typograph. Academ. Elect. Scient.) 1771. Oct. (*Meth. musc.*).
Publ.: 1771 (p. xiv: 2 Jan 1771; Jenaische Z. gel. S. 26 Aug 1771), p. [i]-xvii, [1]-296, *1 pl.* (uncol. copp.). *Copies*: BR, FH, FI, G, H; IDC 588.

6667. Nat. Jos. de Necker ... *Physiologia muscorum* per examen analyticum de corporibus variis naturalibus inter se collatis continuitatem proximamve animalis cum vegetabili concatenationem indicatibus. Manhemii [Mannheim] (Impensis C. F. Schwan, ...) 1774. (*Physiol. musc.*).
Publ.: 1774 (pref.: 3 Jan 1774), p. [i-viii], [1]-343, *1 pl.* (uncol. copp.). *Copies*: BR, G, H, MO-Steere, NY, USDA.

6668. *Traité sur la mycitologie* ou discours historique sur les champignons en général, das lequel on démontre leur véritable origine & leur génération; d'où dépendent les effets pernicieux & funestes de ceux que l'on mange, avec les moyens de les éviter. Opuscule avec figures par Natalis Joseph de Necker, ... à Mannheim (Chez Mathias Fontaine, ...) 1783. Oct. (*Traité mycitol.*).
Publ.: 1783 (p. [x]: 30 Mai 1783), p. [i-x], [1]-133, [134-136, expl. pl., 137, err.], *1 pl.* (uncol. copp.). *Copies*: BR, FH, G, MO, NY, Stevenson(2).

6669. *Willemetia.* Nouveau genre de plantes, créé par M. de Necker, premier botaniste de s.a.s. l'Électeur palatin de Manheim: son historiographe, &c. [s.d.].
Publ.: date unknown, p. [1]-7. *Copy*: G. – The greater part (p. 4-7) of the text of this pamphlet is by Remi Willemet (1735-1807) but the text on p. 1-3 (Willemetia hieracioides) must be ascribed to "Necker in Willemet". Publication must have taken place between 1777 and 1790. Dryander 3: 308 mentions a *plate* in addition to the text for p. 1-3.

6670. Nat. Jos. de Necker, ... *Elementa botanica* genera genuina, species naturales omnium vegetabilium detectorum eorumque characteres diagnosticos ac peculiares exhibentia, secundum systema omologium seu naturale, evulgata. Cum tabulis separatis tomus primus [-tertius] Neowedae ad Rhenum [Neuwied] (apud Societatem Typographicam) 1790, 3 vols. (*Elem. bot.*).
Orig. issue: Apr(?) 1790 (For date see ST p. 74-75). *Copies*: BR, G(2), M, MO, US; IDC 244.
1: [i], [iii, frontisp. portr. author], [v]-xxxii, [1]-389.
2: [i, iii-iv], [1]-460.
3: [i, iii-iv], [1]-456, [457, err.], *pl. i-x* (as *xi*), *xi-xiii, xiii*[*bis*], *xiv, xiv*[*bis*], *xv-xli, xli*[*bis*], *xlii-xlv, xlv*[*bis*], *xlv*[*bis a*], *lii, lii*[*bis*], *liii, liii*[*bis*], *liv, liv*[*bis*] (in all *63 pl.*). (uncol. copp.).
Paris issue: 1790. *Copy*: MO. – "... tomus primus [-tertius]. Parisiis (apud Bossange et Soc. Bibliopol., Rue des Noyers, no. 33. Typis Societatis Typographicae Neowedensis) 1790, 3 vols. – Collation MO copy as above but lacking the plates.
Neuwied/Strassburg iussue: 1791 (l: p. x: Jan 1791; GGA 13 Oct 1791). *Copy*: USDA. – "Nat. Jos. de Necker, ... *Elementa botanica* ... evulgata. Tribus voluminibus divisa, cum 63 tabulis aeri incisis, volumine separato collectis. Accedit *Corollarium* ad philos. botan. Linnaei spectans; cum *Phytozoologia philosophica* lingua gallica conscripta. Tomus i [-iii]. Neowedae ad Rhenum apud Societatem typographicam. Prostat Argentorati [Strassburg] apud Amand Koenig 1791." Oct. – For the separate issues of the *Corollarium* and the *Phytozool. philos.* see below.
1: portr., p. [iii, t.p.]-x, [xi]-xxxii, [1]-389.

2: [i], [1]-460.
3: [i], [1]-456; *Corollarium* p. [i], [1]-29, [30-31, note]; *Phytozool. philos.*: [i], [1]-78, [1, err.]; *Plates*: *i-xi, xi*[*bis*], *xii-xli, xli*[*bis*], *xlii-xlv*, [*xlvbis, ter*], *xlvi-lii, lii*[*bis*], *liii, liii*[*bis*], *liv-liv* [bis] (uncol. copp.).
Editio secunda: 1808. *Copy*: MO. – "Nat. Jos. de Necker, ... *Elementa botanica* ... evulgata. Cum tabulis separatis. Tomus primus [-tertius]. Editio secunda. Moguntiae [Mainz] 1808. Apud F. Kupferberg." Oct.
1: [i]-xxxii, [1]-389.
2: [i-iii], [1]-460.
3: [i-iii], [1]-456, *pl. i-xi, xi*[*bis*], *xii-xiii, xiii*[*bis*], *xiv-xli, xli*[*bis*], *xlii-xlv, xlv*[*bis*], *xlvi-lii, lii*[*bis*], *liii, liii*[*bis*], *liv* (uncol. copp.).

Note: The original edition was published at the same time as the *Corollarium* and the *Phytozoologie philosophique*. The three publications were sold together but were also obtainable separately. The nomenclatural status of Necker's *species naturales* (in fact genera) is dealt with by ICBN Art. 20.4(b). Since Necker designated this category as "species," the monomial names (which are in many cases the generic names of previous authors) are to be regarded as unitary designations of species and hence to be regarded as not validly published. For taxonomic purposes Necker's categories have the following equivalents, however: *proles* = species, *species naturalis* = genus, *species composita* = family or order, *genus genuinus* = classis. – For a discussion on the status of these name of "species naturales" see Mansfeld 1958, Proskauer (1958, 1959), Bullock 1959, Dandy and Ross 1958, ST p. 74-75 and Willmott (1935). – For a critical and enlightening commentary see the review of the 1791 "edition' in GGA 1791: 1644. 13 Oct.
Note: J. E. Dandy prepared a list of Necker's names as used in his *Elementa* with their present nomenclatural equivalents. Copies of this typescript are in various libraries (BM, US, FAS). The compilers of the *Index nominum genericorum* (*plantarum*) (1979) made ample use of this list which was made available to them for this purpose by its author.

6671. Nat. Jos. de Necker, ... *Corollarium* ad Philos. botanicam Linnaei spectans, generis, speciei naturalis &c., vegetabilium omnium detectorum; fructuum diversorum aliarumque fructificationis partium definitiones expletas, continens, cum tabulis separatis. Neowedae ad Rhenum (apud Societatem Typographycam [sic]) 1790. Oct. (*Corollarium*).
Orig. ed.: Apr(?) 1790 (see *Elem. bot.*), p. [1]-29, [30-31]. *Copies*: BR, MO, US; IDC 6092.
Neuwied/Strassburg ed.: 1790, p. [1]-29, [30-31]. *Copy*: G. – "Neowedae ad Rhenum, apud Societatem Typographicam) et Argentorati [Strassburg] (apud Amand. König, Bibliopolam). 1790. Oct. – Also included in USDA copy of *Elem. bot.* 1791 ed.
Note: Some of the copies of the *Corollarium* are accompanied by the *63 plates* of the *Elementa*.

6672. *Phytozoologie philosophique*, dans laquelle on démontre comment le nombre des genres & des espèces, concernant les animaux & les végétaux, a été limité & fixé par la nature; avec les moyens de donner l'histoire la plus complette & la plus parfaite de ces corps organisés différens, selon la découverte du systême naturel, par Noel Joseph de Necker, ... À Neuwied sur le Rhin, (chez la Société typographique), et à Strasbourg)chez Amand König, Libraire) 1790. Oct. (*Phytozool. philos.*).
Publ.: Apr(?) 1790 (see *Elem. bot*), frontisp. portr. author, p. [i-iv], [1]-16, [1]-78, [1, errata]. *Copies*: G, M, MO; IDC 245. – The set of pages [1]-16 (with a bibliography of Necker on p. 11-16) may also occur in the *Elem. bot.* The *Elementa botanica plates* are bound with the G copy of the *Phytozoologie*.

Nectoux, Hipolyte (Hippolyte) (17..-18..), French botanist who accompanied Napoleon to Egypt. (*Nectoux*).

HERBARIUM and TYPES: Egyptian material at MPU (main set), K and FI. It is possible that the Nectoux who collected in the Dominican Republic and Haiti in 1788 (material at MPU; further material at B, E, FI and P) is identical with Hypolyte Nectoux.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 542; BM 3: 1406; Dryander 3: 613; IH 2: (in press); PR 6639 (ed. 1: 7413); Rehder 2: 342; Tucker 1: 512; Urban-Berl. p. 378. MacPhail, I., Cat. Redout. 66(no.33). 1963.

Steinberg, C. H., Webbia 32(1): 32. 1977.
Urban, I., Symb. ant. 3: 91-92. 1902 (West India Nectoux identical with H. Nectoux?).
Vallot, Bull. Soc. bot. France 29: 185. 1882.

EPONYMY: *Nectouxia* Kunth (1818); *Netouxia* G. Don (1838, *orth. var.*).

6673. *Voyage dans la Haute Égypte,* au dessus des cataractes; avec des observations sur les diverses espèces de séné qui sont répandues dans le commerce . . . à Paris (Chez Garnery, . . . Madame Nyon, . . . de l'Imprimerie de Didot Jeune) 1808. Qu. (in twos). (*Voy. Haute Égypte*).
Publ.: 1808, p. [i*-iv*], [i]-xii, [1]-22, [1, err.], *pl. 1-4* (*3* by H. J. Redouté, *1* by P. J. Redouté; col. stipple engr.). *Copy*: G.

Née, Isidore Charles Sigismond (1784-1837), fictitious botanist said to have explored South America.

NOTE: One of the fictitious botanists appearing in Appleton's Cyclopaedia of American Biography (4: 486. 1888). Barnhart (J. New York Bot. Gard. 20: 177. 1919) points out that the name is obviously compounded from those of Carl Sigismund Kunth (1788-1850) and Louis Née; the author is stated to have published a *Flora mexicana* (2 vols., Paris 1827) and various treatises on mexican hieroglyphs.

Née, Luis (17..-18..), French botanist, later naturalized Spaniard; on the Malaspina expedition in La Descubierta and La Atrevida, 1789-1794 (*Néé*).

HERBARIUM and TYPES: MA (10.000); duplicates e.g. in B, C, DS, F, FI, KIEL, MPU and NY.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(1): 188; Barnhart 2: 542; Colmeiro 1: cxc; Colmeiro penins. p. 48-49, 183; CSP 4: 582-583; Hortus 3: 1200 ("Née"); IH 2: (in press); Langman p. 537; Lasègue p. 348, 451, 505; PR alph.; Rehder 5: 611; SK 1: 382, xxviii, 5: cccvii, 8: lxviii; Urban-Berl. p. 309; Zander ed. 10, p. 696, ed. 11, p. 794.
Brewer, W. H., *in* S. Watson, Botany Calif. 2:553. 1880.
Cavanilles, A. J., Icon. 5: i-iii. 1799.
Granel de Solignac, L. & L. Bertrand, Naturalia Monsp. 18: 276. 1967 (pl. MPU).
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Herrera, F. L., Estud. Fl. Cuzco 8. 1930.
Hultén, E., Bot. Not. 1940: 297.
Kühnel, Thad. Haenke 275. index. 1960.
Liebmann, F., Mexicos Bregner 155. 1848.
Merrill, E. D., Enum. Philipp. Pl. 4: 212. 1926 (bibl.).
Moldenke, H. N., Plant Life 2: 73. 1946 (1948).
Reiche, K., Grundz. Pfl.-Verbr. Chile 6. 1907 (Veg. Erde 8).
Safford, W. E., Contr. U.S. natl. Herb. 9: 27-28. 1905 (Fl. Guam).
Schmid, G., Chamisso als Naturforscher 304. 1942.
Schultes, J. A., Flora 8(1), Beil. 1: 34. 1825.
Steinberg, C. H., Webbia 32(1): 32. 1977.
Urban, I., Symb. ant. 3:92. 1902.
Weberbauer, A., Pfl.-Welt peruan. Anden 4-5. 1911 (Veg. Erde 12).
Willkomm, M., Grundz. Pfl.-Verbr. Iber. Halbins 6. 1896 (Veg. Erde 1).

EPONYMY: *Neea* Ruiz et Pavon (1794); *Neeaea* Poeppig et Endlicher (1838, *orth. var.*); *Neeania* Rafinesque (1814, *orth. var.*).

Nees von Esenbeck, Christian Gottfried Daniel (1776-1858), German nature-philosopher, physician and botanist; Dr. med. Giessen, 1800; physician at Sickershausen 1802; president of the "Leopoldina" 1818-1858; professor of botany at Erlangen (1818-1819), Bonn (1819-1830) and Breslau (1831-1851), formally dismissed 1851. (*Nees*).

HERBARIUM and TYPES: Nees' herbarium which numbered some 80.000 sheets was split up

before his death. The "Glumaceae" (Graminae, Cyperaceae, Restionaceae, Juncaceae) including practically all his types of the *Synopsis glumacearum* were acquired by B (9559 specimens, now destroyed) in 1855. A number of Nees' Cyperaceae, however, are in the Lindley herbarium at CGE. The fungi, lichens and hepaticae are at STR. Most of the Musci were also at B (some preserved in herb. Bridel). A set of 2718 specimens was acquired by LE followed by a further set in 1857/8. Other lots are at M (phanerogams) and CGE (grasses, Cyperac. Acanth.), and GZU (Acanth., Bombac., Buettner., Laurac., Piperac., Solanac.); L (bryoph., myxophyta, fungi), E (bryoph., fungi), HBG (grasses), GE (some grasses), PC (hepat.), S (hepat.), W (hepat.), G (bryoph.); further material at BM, BR, K, PC, PR, TAES, UPS, and WRSL. Some private papers are in the municipal archives of Wroclaw (formerly Breslau).

NOTE: The splitting up of Nees' herbarium and the sale of his library became necessary because Nees lost his professorship at Breslau in January 1851. The official reason given for the dismissal was moral turpitude and social misbehaviour ("Beamte welche sich . . . durch wiederträchtige Aufführung verächtlich machen, sollen ihres Amtes entzetzt werden" Preuss. allg. Landrath 363(20)II). This referred to the circumstance that Nees, who had obtained a separation but no divorce from his second wife, had lived eleven years in a free relationship with his third companion. The underlying reason, however, for this belated and at the time unusual puritanism, must be sought in Nees' public attitude during the 1848-1851 disturbances at Breslau university and especially his activity in the so-called christ-katholische Bewegung, led by Johannes Ronge and Johann Cserski, a religious element in the 1848 movement of spiritual and material emancipation of the lesser privileged. See Wunschmann (in ADB), Winkler (1921) and Proskauer (in DSB) for reviews of these turbulent affairs.

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(10) *Hepaticae javanicae,* 1824, by C. G. R. Reinwardt (q.v.), C. L. Blume and C. G. Nees von Esenbeck.
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EPONYMY: *Esenbeckia* S. E. Bridel (1827); *Esenbeckia* Kunth (1825); *Indoneesiella* Sreemadhaven (1968); *Neesenbeckia* Levyns (1947); *Neesiella* Schiffner (1893); *Neesiella* Sreemadhaven (1967); *Neesiochloa* Pilger (1940); *Neesiocyphus* Grolle (1964). *Note*: *Esembeckia* J. Barbosa Rodrigues (1883) is probably an *orth. var.* of *Esenbeckia* Kunth. The author of *Neesiella* Kirschstein (1935) and *Myconeesia* Kirschstein (1936) did not indicate for which Nees von Esenbeck the genera were named.

6674. *Die Algen des süssen Wassers* nach ihren Entwicklungsstufen dargestellt von Dr. C. G. Nees von Esenbeck. Bamberg (bey C. F. Kunz) 1814. Oct. (*Alg. süss. Wass.*).
Publ.: 1814 (p. iv: 18 Jun 1814), p. [i*], [i]-iv, [1]-48, [1, err.]. *Copies*: BR, FH.

6675. *Das System der Pilze und Schwämme.* Ein Versuch von Dr. C. G. Nees von Esenbeck, ... Mit 44 nach der Natur ausgemalten Kupfertafeln, uns einige Tabellen. Würzburg (in der Stahelschen Buchhandlung). 1816[-1817]. Qu. (*Syst. Pilze*).
Orig. ed.: 1816-1817, p. [i-ii; t.p. 1816], engr. t.p. (also dated 1816), [iii]-xxxviii [as "xxxvi"], [1-2], [1]-329, [330-331, err.], *pl. 1-28, 29a, 29b, 30-36, 36b, 37-44* (handcol. copp. by J. Sturm. *Copies*: BR, USDA. – Appeared in three parts of which the contents are not known to us. Sheet 42 was at any rate published in 1817. Part 1 of text and plates became available between 20 Mar 1816 (preface) and 12 Mai 1816, when Nees sent a copy to Goethe (see Schmid no. 1616). Part 3 of the plates contained *pl. 28-44.*
1817 ed.: 1817 (printed and engr. t.p.'s dated 1817, text on t.p. "mit sechsundvierzig ..."), p. [i]-xxxviii, [1-2], [1]-334, ["234"], [i, iii], 1-86, [1, err.], *pl. 1-28, 29a, 29b, 30-36, 36b, 37-44. Copies*: G, H, Stevenson, US; IDC 6093. – "Mit sechsundvierzig Kupfertafeln und einigen Tabellen. Würzburg (id.) 1817. Qu. – The Stevenson copy has an undated cover of the "Dritte und letzte Lieferung" for the plates, indicating that it contained pl. "xxviii-xlvi [sic, for xliv]."
Ref.: Schmid, G., Goethe und die Naturwissenschaften 1940, no. 1616.
Junk, W., Rara 1: 43. 1900-1913.

6676. Über die bartmündigen Enzianarten (*Gentianae fauce barbata*) von Dr. Nees von Esenbeck. [Nova Acta Leopoldina, 1817] Qu.
Publ.: Oct 1817 (Goethe rd. a copy from the author on 11 Oct 1817), Nova Acta Leop. 9: [141]-179, 1817 [volume dated 1818]. To be cited from journal.
Ref.: Schmid, G., Goethe und die Naturwissenschaften 1940, no. 1682.

6677. *Synopsis specierum generis Asterum herbacearum*; praemissis nonnullis de asteribus in genere, eorum structura et evolutione naturali exercitatio, qua praelectiones suas, die 4. calendas maji inchoandas, indicit et simul monographiam asterum herbaceorum mox

edendam commendat Chr. Godofred. Nees von Esenbeck ... Erlangae, 1818. Qu. (*Syn. Aster. herb.*).
Publ.: Jan-Apr 1818 (see t.p.; Flora rd. 2 Jul 1818; Isis Sep 1818; Jahrb. Gewächsk. Mai 1819), p. [1]-32. *Copies*: G(2), PH, WU.
Ref.: Hoppe, D. H., Flora 2: 209-216. 14 Apr 1819 (rev.).

6678. *De plantis nonnullis e mycetoidearum regno* tum nuper detectis, tum minus cognitis commentatio prior doctoris Nees ab Esenbeck et Friderici Nees fratrum. Adjectae sunt tabulae ii. aeneae pictae. [Erlangae 1818]. Qu.
Co-author: Theodor Friedrich Ludwig Nees von Esenbeck (1787-1837).
Publ.: 1818 (in journal; reprint presented to Regensb. bot. Ges. 2 Jul 1818), p. [1]-36, *pl. 1-2* (copp. I. Sturm). *Copies*: FH, G. – Reprinted from Nova Acta Leop. 9: [227]-262, *pl. 5-6.* 1818. To be cited from journal.

6679. *Handbuch der Botanik.* Von Dr. C. G. Nees von Esenbeck ... Nürnberg (bei Johann Leonhard Schrag) 1820-1821, 2 vols. Oct. (*Handb. Bot.*).
1: 1820 (Flora rev. 7 Dec 1820), p. [ii*], [i]-xxx, [1]-725, 1 chart.
2: 1821 (p. 691: Mar 1821), p. [ii*], [i]-vi, [1]-691.
Copy: G. – p. [ii*] alternative t.p. "*Handbuch der Naturgeschichte* zum Gebrauch bei Vorlesungen von Dr. G. H. Schubert. Vierter Theil". Gotthilf Heinrich von Schubert 1780-1860). – This handbook, dealing extensively with plant morphology from the highly speculative points of view of the "Naturphilosophie" was dedicated to Goethe and contained an early elaboration of the poet's "Metamorphosenlehre." Nees' Handbook was severely criticised later, when experimental and observational botany gained the upper hand, by M. J. Schleiden in his "Schellings und Hegels Verhältniss zur Wissenschaft," Leipzig 1844 (see e.g. Fitting 1952).
Ref.: X., Flora 3: 703-714. 7 Dec 1820 (rev. dated Sep 1820, has the first 30 sheets, i.e. 480 p.).
Nees v. Esenbeck, C. G., Flora 4: 257-264. 7 Mai 1821 (reply to review by J. B. Wilbrand in Jenaer allg. Litt. Z., Int. Bl. 1821(17): 136).

6680. *Horae physicae berolinenses* collectae ex symbolis virorum doctorum H. Linkii, C. Asm. Rudolphi et W.Fr. Klugii, professorum berolinensium, C. G. Neesii ab Esenbeck, professoris bonnensis, Fr. Ottonis, Horti botanici regii berolinensis inspectoris, Adalb. a Chamisso, philosophiae doctoris, Fr. Hornschuchii, botanices demonstratoris Gryphici, D. a. Schlechtendal, medicinae doctoris, et C. G. Ehrenbergii, medicinae doctoris. Edi curavit Dr. Christianus Godof. Nees ab Esenbeck. Cum tabulis aeneis xxvii. Bonnae [Bonn] (sumtibus Adolphi Marcus) 1820. Fol. (*Horae phys, berol.*).
Publ.: 1-8 Feb 1820 (fide Nees in Flora 3: 236. 21 Apr 1820), p. [i-xii], [1]-123, [125-128, indexes, err.], *pl. 1-27* (copp., nos. *1, 11-13 17-20* col., *5, 6, 15, 27* partly col., others uncol.; artists C. G. Ehrenberg, I. Sturm, F. Guimpel, C. Müller). *Copies*: BR, FI, H, Teyler; IDC 6094.
Authors and papers:
[1]-7, *pl. 1,* by Johann Heinrich Friedrich Link (1767-1851) (*de Algis aquat.*).
[9]-14, *pl. 2,* by Karl Asmund Rudolphi (1771-1832) (*Adnot. helminth.*).
[15]-26, *pl. 3-4,* by Johann Christoph Friedrich Klug (1775-1856) (*Proscopia,* insect.).
[27]-38, by Johann Friedrich Wilhelm Otto (1743-1814) (*Pl. rar. hort. Berol.*).
[*39-54*], *pl. 5-11,* by C. G. Nees von Esenbeck (*Syll. obs. bot.*).
[55]-68, *pl. 12-13,* by Christian Friedrich Hornschuch (1793-1850) (*Musci frond. exot.*).
[69]-76, *pl. 14-16,* by Ludolf Adelbert von Chamisso (1781-1838) (*Pl. Romanyoff.*).
[77]-104, *pl. 17-20,* by Christian Gottfried Ehrenberg (1795-1876) (*Fungi Romanyoff.*).
[105]-110, *pl. 21,* by Diederich Friedrich Ludwig von Schlechtendal (1794-1866) (*Cymboria*).
[111]-116, *pl. 22-26,* by C. G. Nees von Esenbeck (*Pl. canar.*).
[117]-123, *pl. 27,* by C. G. Ehrenberg (*Coenogon.*).
Ref.: Anon., Flora 4: 509-522. 7 Sep 1821.

6681. *Hornschuchia,* novum plantarum brasiliensium genus ... Ratisbonae [Regensburg] (Typis viduae Christ. E. Brenck [1882]. Qu.
Publ.: 1822, (fide Pfeiffer, Nom.), p. [1]-8, *2 pl. Copy*: FI. – Reprinted and to be cited from

Denkschr. K. baier. bot. Ges. 2(1): 159-164. *pl. 11-12*. 1822. The genus was previously published in Flora 4: 302. 21 Mai 1821.

6682. *Bryologia germanica*, oder Beschreibung der in Deutschland und in der Schweiz wachsenden Laubmoose, ... Nürnberg (*1*: bey Jacob Sturm; *2(1)*: bei Friedrich Fleischer; *2(2)*: bei Jacob Sturm/und Leipzig bei Friedrich Fleischer). 1823-1831, 2 vols. (in 3). Oct. (*Bryol. germ.*).
Co-authors: Christian Friedrich Hornschuch (1793-1850), Jacob Sturm (1771-1848).
1: 14 Feb-15 Apr 1823 (p. v*: 14 Feb 1823; see further MD p. 189), p. [i*-xvi*], [i]-cliii, [1]-206, *pl. 1-12* (handcol. copp. J. Sturm).
2(1): 1827 (about Apr; Flora 21 Jun 1827), p. [i-vi] or [i], [1]-182, *pl. 13-24* (id.).
(*2*): Jul-Oct 1831, p. [1]-208, *pl. 25-43* (id.).
Copies: B, BR, FI, G, H, MO-Steere, NY, USDA. – For a full collation and discussion see MD 188-189.
Ref.: Anon., Flora 2: 107-111, 156-160. 1819. (announcement).
Hornschuch, C. F., Flora 4: 634-635. 1821 (announcement).
Fürnrohr, A. E., Flora 13(2) Erg.-Bl. 18-35. Jul-Dec 1830 (rev. 2(1)).

6683. *De Cinnamomo disputatio*, qua hortum medicum bonnensem, feliciter instructum, rite inauguraturi res eius viris, rei herbariae studiosis, commendant C. G. Nees ab Esenbeck, ... et Th.Fr. Ludov. Nees ab Esenbeck, ... fratres, horto medico bonnensi praepositi. Cum tabulis septem iconographicis. Bonnae [Bonn] 1823. Qu. (*Cinnam. disp.*).
Co-author: Theodor Friedrich Ludwig Nees von Esenbeck (1787-1837).
Publ.: 1823 (p. viii*: cat. Jan 1823; rev. Flora 14 Nov 1823), p. [i*-viii*], [i]-vi, [vii-viii], [1]-74, [1-2], engr. map., *pl. 1-6* (uncol.; T. Wild). *Copy*: G. – Amoenitates botanicae bonnensis. Fasciculus i.

6684. *Die unterirdischen Rhizomorphen*, ein leuchtender Lebensprocess; ... Bonn (Gedruckt bei C. F. Tormann) 1823. Qu. (*Unterird. Rhizomorph.*).
Junior authors: Gottlieb Wilhelm Bischoff (1797-1854), Theodor Friedrich Ludwig Nees von Esenbeck (1787-1837), Johann Jacob Noeggerath (1788-1877).
Publ.: 1823, p. [1]-110, *pl. 63*. *Copy*: MICH. – Preprinted or reprinted from Nova Acta Leop. 11: 603-712. 1823.

6685. *Plantarum, in horto medico bonnensi nutritarum, icones selectae*. Manip. i. edi curaverunt et illustraverunt Dr. C. G. Nees ab Esenbeck, et Dr. Th. Fr. L. Nees ab Esenbeck, fratres, horto prefecti. Cum Guil. Sinning, hortulani universitatis, animadversionibus, ad culturam harum plantarum spectantibus. Bonnae [Bonn], 1824. Qu. (*Pl. hort. bonn. icon.*).
Co-authors: Theodor Friedrich Ludwig Nees von Esenbeck (1787-1837), Wilhelm Sinning (fl. 1824).
Publ.: 1824, (prob. Aug. 1824; Nees sent a copy to Blume in that month, fide letter at G), p. [i,iii], [1]-13, *pl. 1-6* (col. liths., A. C. F. Henry, T. Wild). *Copies*: G, GRON, MO, USDA. – Amoenitates botanicae bonnenses. Fasciculus ii. All published. – Continued by the co-authors as *Sammlung schönblühender Gewächse* 1824-1831, see under W. Sinning.

6686. Christiani Godofredi Neesii ab Esenbeck, ... ad socios cuiusque gradus et ordinis litterae, quibus supremi protectoratus, a Frederico Guilelmo iii ... die xix. maii a. mdcccxxvii. clementissime recepti, prospera auspicia et laeta rerum academicarum incrementa indicantur simulque *Fridericia* et *Zollernia*, nova plantarum genera, regi ac supremo protectori sociorum academiae, Maximiliani, Principis Wiedensis, Caroli Philippi de Martius, professoris monacensis, et ipsius praesidis opera dicata, descriptionibus et figuris illustrantur [Bonn 1827]. Fol. (*Fridericia & Zollernia*).
Co-author: Carl Friedrich Philipp von Martius (1794-1868).
Publ.: 5-19 Mai 1827 (t.p.; p. 4: 5 Mai 1827), p. [1] 12, *pl. A-D* (handcol. liths.). *Copy*: G. – Special preprint in folio of text later published in Nova Acta Leop. 13, 1827; in journal: p. [i]-vi, *Fridericia* (by Martius): [vii]-xii, *pl. A-B*, *Zollernia* (by Nees): [xiii]-xviii, *pl. C-D*.
Reprint: 1827, p. [1]-18, *pl. A-D* (uncol.). *Copies*: HH, NY. – Ordinary reprint from journal in quarto, with uncol. pl.

6687. *Enumeratio plantarum cryptogamicarum Javae* et insularum adiacentium, quas a Blumeo

et Reinwardtio collectas describi edique curavit Christ. Godofr. Nees Ab Esenbeck professor vratislaviensis. Fasciculus prior, hepaticas complectens, ab editore illustratas. Vratislaviae [Breslau] (Sumtibus Grassii, Barthii et Soc.) 1830. Oct. † (*Enum. pl. crypt. Jav.*).
Publ.: 15 Sep-31 Dec 1830 (p. viii: idibus Sep 1830; Flora rd. Sep-Dec 1830; N. moved to Breslau in the course of 1830 to take up his professorship) p. [i]-viii, [1]-86. *Copies*: FH, G, H, USDA. – *Berichtigungen,* in Linnaea 6: 602-623. Jul-Dec 1831.
Ref.: Anon., Literaturber. Allg. bot. Zeit. 1(5): 65-67. Feb-Mai. 1831.

6688. *Genera et species Asterearum.* Recensuit, descriptionibus et animadversionibus illustravit, synonyma emendavit Christianus Godofredus Nees ab Esenbeck, ... Vratislaviae [Breslau] (sumtibus I. D. Grüson) 1832. Oct. (*Gen. sp. Aster.*).
Orig. ed.: Jul-Dec 1832 (prospectus 1; p. 8: 1 Jul 1832; prospectus 2 dated 1 Sep 1832; p. xiv: Cal. Jan 1832; rd. Regensb. bot. Ges. 9 Jan 1833), p. [i]-xiv, [1]-309, [310, err.], prosp. 1: [1-8], prosp. 2: [1]-8, chart. *Copy*: G. – The subscription was opened 28 Jan 1819 (sic), see Flora 2: 64. 1819 and 14 (Int. Bl. 4): 1-11. 1831.
Re-issue: Jan-Apr 1833, p. [i]-xiv, [1]-309, [310, err.], chart. *Copies*: BR, L, PH, US; IDC 763. – Norimbergae [Nürnberg] (sumtibus Leonardi Schrag) 1833. Oct.
Note on date: The book is cited by Lindley, Bot. Reg. t. 1500. Jun 1832. In view of the relation between Lindley and Nees this may be a prepublication reference. Most reviews known to us are to the 1833 *re-issue*: GGA 18 Dec 1834; Beck 30 Apr 1833, Guillemin (Arch. bot. 2: 468-472) 25 Nov 1833. Link (1833) refers to the 1832 ed.
Ref.: Link, J. H. F., Jahrb. wiss. Kritik 1833(1): 307-311. Feb. 1833.
Greene, E. L., Pittonia 2: 52. 1896.
Rrr., Flora Lit. Ber. 3: 170-173. 7 Oct 1833.
Schmid, G., Chamisso als Naturforscher 94. 1942 (no. 158).
Steenis-Kruseman, M. J. v., Fl. males. Bull. 14: 644. 1959.

6689. *Naturgeschichte der europäischen Lebermoose* mit besonderer Beziehung auf Schlesien und die Oertlichkeiten des Riesengebirgs von Dr. Christian Gottfried Nees von Esenbeck, ... [1-2:] Berlin (bei August Rücker), [3-4:] Breslau (bei Grass, Barth und Comp.) 1833-1838, 4 vols. Oct. (1-2) and Duod. (3, 4). (*Naturgesch. eur. Leberm.*).
1: 15 Sep – 15 Dec 1833 (p. xii: 15 Sep 1833; Lit. Ber. Fl. 28 Dec 1833), p. [ii]-xx, [1]-347, [348, err.], 1 chart (Carl Weiz).
2: Feb-Mar 1836 (Hinrichs 12-16 Mar 1836; Funck had a copy by 16 Apr), p. [ii]-xii, [1]-499.
3: Apr 1838 (see TL-1), p. [ii-v], [1]-593, [594].
4: Sep 1838 (see TL-1), p. [ii]-lxxii, [1]-539, [540, err.], *1 pl.* (uncol. lith.).
Copies: B, BR, FI, G, H, MO-Steere, Patricia Geissler; IDC 7119. – Alt. title: *Erinnerungen aus dem Riesengebirge.*
Ref.: Grummann, V., Decheniana 119: 138. 1958.
Rrr., Lit. Ber. Flora 4: 97-109. 28 Mai 1834 (rev.), 6: 122-124. 21 Nov 1836 (rev. vol. 2), 8: 143-144. 28 Nov 1838, 8: 145. 7 Dec 1838 (rev. vols. 3,4).

6690. Viro perillustri, doctissimo, celeberrimo, Christophoro Guilelmo Hufeland ... Collegae gratissimo, semisaecularem lauream die xxiv Julii a. mdcccxxxiii solemniter celebrandam congratulatur Academia caesarea leopoldino-carolina naturae curiosorum. Annexa est plantarum laurinum secundum affinitates naturales expositio, ab Academiae praeside proposita, qua comprehenditur *Hufelandiae* Laurini generis novi laureato seni consecrati *illustratio.* Cum tabula aeri insculpta. Vratislaviae [Breslau] 1833. Qu. (*Hufeland. ill.*).
Publ.: shortly before or on 24 Jul 1833, p. [1]-25, *2 pl.* (uncol. liths. Carl Weitz). *Copies*: FI, WU.

6691. *Jungermanniearum herbarii Montagneani* species exposuerunt C. G. Nees ab Esenbeck et C. Montagne. [Extrait des Annales des sciences naturelles janvier 1836]. Oct.
Co-author: Jean Pierre François Camille Montagne (1784-1866).
Publ.: Jan 1836, p. [1]-21, *pl. 1-2* (uncol. liths., Montagne). *Copies*: BR, H, MO-Steere. – Reprinted from Ann. Sci. nat., Bot. ser. 2. 5: 52-72. Jan 1836. To be cited from journal.

6692. *Systema laurinarum.* Exposuit Christianus Godofredus Nees ab Esenbeck, Dr. ... Berolini [Berlin] (sumtibus Veitii et sociorum) 1836. Oct. (*Syst. laur.*).

Publ.: 30 Oct-5 Nov 1836 (Hinrichs; TL-1; Lit. Ber. Flora 28 Nov 1836), p. [i]-viii, [1-2], [1]-720, 2 charts. *Copies*: FI, G, L, M, USDA.

6693. Viro illustrissimo, Carolo Alberto Christophoro Henrico libero baroni de Kamptz, augustissimi et potentissimi regis Borussiae . . . , diem xxiv. Martii, quo primus ad rempublica accessit, nunc semisaecularem, ea qua par est reverentia congratulatur et novam genus arborum myrtacearum *Kamptziae* cognomine a se ornatum, offert Christianus Godofredus Nees ab Esenbeck, . . . cum tabulis duabus. Vratislaviae ad Viadrum [Breslau on the Oder] (Ex officina typographica Barthiana) 1840 Fol. (*Kamptziae*).
Festschrift: 24 Mar 1840, p. [1]-12, *pl. 1-2* (uncol. liths., Carl Weitz). *Copies*: B-S, MO, NY.
Reprint or preprint from journal: 1841, p. [i]-x, *pl. 1-2* (uncol. liths.). *Copies*: G, NY. – *De Kamptzia novo myrtacearum genere* s.l.n.d.
Journal publ.: Nova Acta Leop. 18, suppl. 1: ix-xviii, *pl. 1-2*. 1841, with Adnotatio ad dissertationem de Kamptzia on p. xlv-xlvi (dated 1 Jan 1841). 1841.

6694. Christiani Godofredi Nees ab Esenbeck, . . . ad Socios cuiusque gradus et ordinis litterae, quibus supremi protectoratus, a Friderico Guilelmo iv. Borussiae rege augustissimo, potentissimo, pridie kalendas octobres a. mdcccxl clementissime recepti prospera auspicia indicatur. Adjecta est *Lepidagathidis, genere ex acanthacearum ordine, illustratio monographica*. Vratislaviae ad Viadrum [Breslau on Oder] (ex officina Grassii, Barthii et sociorum) 1841. Qu. (*Lepidagath. illustr. monogr.*).
Publ.: 15 Jan-15 Mar 1841 (p. 4: kal. Jan 1841, PAW 11 Mar 1841), p. [1]-40. *Copies*: FI, G, NY, WU. – Preprinted from Nova Acta Leop. 19, suppl. 2: [xvii]-lvi. 1841 (volume distributed only Apr 1843, see letter Nees to Miquel, 8 Mai 1843).

6695. *Cyperaceae*. Exposuit C. G. Nees ab Esenbeck. (Acta Acad. Caes. Leop. Carol. Nat. Cur. vol. xix. suppl.) [1841]. Qu. (*Cyperaceae*).
Publ.: 1841, p. [i], [1]-80. *Copy*: G. – Preprinted from Nova Acta Leop. 19, suppl. 1: 53-132. 1843. (contains F. J. F. Meyen, *Beitr. Botanik*).

6696. *Gramineae*. Recensuit C. G. Nees ab Esenbeck. (Acta Acad. Caes. Leop. Carol. Nat. Cur. vol. xix. supp.) [1841]. (*Gramineae*).
Publ.: 1841, p. [1]-76. *Copy*: US. – Preprinted from Nova Acta Leop. 19, suppl. 1: 135-208. 1843 (contains F. J. F. Meyen, *Beitr. Botanik*).
Ref.: Trinius, C. B. et F. J. Ruprecht, Mém. Acad. Sci. St. Pétersbourg ser. 6, sci. nat. 5(1): 22. 1842 (preprint of Gramina agrostidea iii) (cites the Nees preprint).

6697. *Florae Africae australioris illustrationes monographicae*. Scripsit C. G. Nees ab Esenbeck . . . I. Gramineae. Glogaviae [Glogau, Glogów] (sumtibus Prausnitzianis) 1841. Oct. (*Fl. Afr. austral. ill.*).
Publ.: 13-19 Jun 1841 (Hinrichs), p. [i]-xx, [1]-490, [1, err.]. *Copies*: FI, L, US, IDC 246.
Re-issue: Jul-Dec 1853 (p. viii: idib. Jun 1853), p. [i]-xx, [1]-490, [1, err.]. *Copies*: BR, M, PH, US; IDC 447. – *Agrostographia* capensis . . . denuo impressa. Halae [Halle] (sumtibus H. W. Schmidtianis) 1853. Oct. – Unchanged reprint.
Ref.: Steenis-Kruseman, M. J. van, Fl. males. Bull. 14: 644. 1960.
Anon., Lit. Ber. Flora 12: 79-80. 14 Sep 1812, 81-86. 14 Oct 1842.

Nees von Esenbeck, Theodor Friedrich Ludwig (1787-1837), German botanist; pharmaceutical assistant at Basel 1811-1816, at Hanau 1816-1817; inspector of the Leiden botanical garden 1817-1819; Dr. phil. Erlangen 1818; garden inspector and lecturer at Bonn University 1819; professor of pharmacy ib. (1822 extraord., 1827 ord.), co-director of the botanic garden 1833; brother of C. G. Nees von Esenbeck. (*T. Nees*).

HERBARIUM and TYPES: BHU (originally in the herbarium of the Naturf. Ges. Rheinl. Westfalen; see Wirtgen 1907; this herbarium was later transferred to B but ended up in BHU). Some other material at B, BR and JE.

BIBLIOGRAPHY and BIOGRAPHY: ADB 23: 376-380; Backer p. 391; Barnhart 2: 542; BM 3: 1408; Bossert p. 283; CSP 4: 585-586, 8: 486, 12: 534; DU 216; Frank 3(Anh.): 71; GR p. 35, cat. p. 68; Hawksworth p. 184; Herder p. 468 [index]; IH 2: (in press); Jackson p. 115, 162,

294; JW 3: 364; Kelly, p. 160-161; Kew 4: 123-124; Krempelh. 1: 118, 267, 580; Langman p. 537; LS 18839-18852; MD p. 190-191; Moebius p. 97, 98, 138, 428; MW p. 352-353; NI 1441-1445; Plesch p. 347; PR 6660-6666 (ed. 1: 7438-7446); Quenstedt p. 310; Rehder 5: 611; Sotheby 567; Stevenson p. 1252; TL-1/918-920; TL-2/624, 1731, 2652, see indexes; Tucker 1: 513-514; Zander ed. 10, p. 696-697, ed. 11, p. 794.

Anon., Arch. d. Pharm. 8: 209-210. 1858 (ex. Berl. Zeit.) (obit.); Brockhaus' Conversations-Lexikon ed. 13. 12: 121. 1885; Flora 21: 15-16, 504. 1838 (d. 12 Dec 1837, sale herb., libr.).

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Milner, J. D., Cat. portr. Kew 86-87. 1906.

Nees, Th., Flora 3: 73-75. 7 Feb 1820 (from Leiden to Bonn); 3: 604-605. 1820 (Nees has *not* adopted the "von Esenbeck" but see 3: 702, 750. 1820!).

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Reess, M., Pflege Bot. Franken 24, 25. 1884.

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Weyhe

COMPOSITE WORKS: (1) Weihe, M. F., Wolter, J. W., Funke, P. W., & T. F. L. Nees v. Esenbeck, *Plantae officinales*, oder Sammlung officineller Pflanzen . . . 1823-1833, see under Weihe, M. F.

(2) Funck, H. C. & T. F. L. Nees v. Esenbeck, *Bryophyta, Lichenes*, in J. Sturm, *Deutschl. Fl.* Abt. 2.Heft. 17, 1819 (*16 pl.* w.t.).

(3) *Dichonema* Fr. Nees in litt., in E. Fries, *Syst. orb. veg.* 303. 1825.

(4) *Fungi*, in K. B. Presl, *Reliq. haenk.* 1, 1825, q.v.

(5) Contributed text to Bolton, *Gesch. merckw. Pilze* 4, 1820, see TL-2/624.

(6) with W. Sinning (q.v.), *Sammlung schönblühender Gewächse* 1824-1831.

HANDWRITING: Candollea 32: 191-192. 1977.

EPONYMY: *Esenbeckia* Blume (1825); *Neesia* Blume (1835, *nom. cons.*); *Neesia* K. P. J. Sprengel (1818, nom. rej.). *Note*: The author of *Neesiella* Kirschstein (1935) and *Myconeesia* Kirschstein (1936) did not indicate for which Nees von Esenbeck the genera were named.

6698. *De muscorum propagatione* commentatio quam amplissimi ordinis philosophici in universitate Friderico-Alexandrina Erlangensi consensu gratiose impetratis die xvi. octobris doctoris philosophiae et ll. aa. magistri honoribus edidit Theodorus Ludovicus Nees, . . . Erlangae 1818. Qu. (*Musc. prop.*).

Thesis issue: 16 Oct 1818, p. [i]-vi, [7]-26, [1, expl. pl.], *1 pl.* (col. copp.). *Copy*: G.

Trade issue: 1820, p. [i]-vi, [7]-26, [1, expl. pl.], *1 pl.* (id.). *Copies*: FH, H. – "De muscorum propagatione commentatio. Cum tabula aenea picta." Bonnae (apud Adolphum Marcum) 1820. Qu.

6699. *Radix plantarum mycetoidearum* scripsit et figura aeri incisa illustravit Theodorus Fridericus Ludovicus Nees ab Esenbeck . . . cum tabula aeri incisa. Bonnae. (sumptibus Adolphi Marcus) 1820. Qu. (*Rad. pl. mycet.*).

Publ.: Jan-Apr 1820 (Flora 21 Apr 1820, as of 1819), p. [i]-vi, [1-2], [1]-19, *1 pl.* (uncol.). *Copies*: BR, FH, FI, G, NY.

6700. *Ueber die Gattungen Calicanthus, Meratia, Punica,* und ihre Stelle in dem natürlichen

System von Dr. Fr. Nees v. Esenbeck, M. d. A. d. N. (Mit 2 Kupfertafeln) [Bonnae 1823]. Qu.
Publ.: 1823, p. [1]-14, *pl. 10-11* (col.; T. Wild). *Copies*: FI, G. – Reprinted or preprinted from Nova Acta Leop. 11: 103-116, *pl. 10-11*. 1823. In the absence of definitive proof of preprinting to be cited from journal.

6701. *Handbuch der medicinisch-pharmaceutischen Botanik.* Nach den natürlichen Familien des Gewächsreiches bearbeitet von Dr. Fr. Ludw. Nees v. Esenbeck und Dr. Carl Heinrich Ebermaier ... Düsseldorf (bei Arnz & Comp.) 1830-1832, 3 vols. Oct. (*Handb. med.-pharm. Bot.*).
Co-author: Carl Heinrich Ebermaier (1802-1870).
1: Apr 1830), (p. viii: Sep 1829; Flora 13 Beil. 1:35. Apr 1830), p. [i]-viii, [1]-391, [392, err.].
2: 1831 (Dec 1830 fide adv. Arnz), p. [i, iii], [393]-894, [1-4, err.].
3: Mai 1832 (p. viii: Apr 1832; Lit. Ber. Flora Mai 1832), p. [i]-viii, [1]-602.
Copies: G, USDA.

6702. *Plantarum nonnullarum mycetoidearum,* in horto bonnensi observatarum evolutio, iconibus et descriptionibus illustrata. Scripsit Dr. Th. Fr. Lud. Nees ab Esenbeck, A. C. N. C. S. Cum tabulis iv. pictis. (Academiae trad. a. 1821., nunc denuo recogn.) (Acta Acad. Caes. Leop. Carol. Nat. Eur. vol. xvi, p. i.) [Vratislaviae et Bonnae 1832]. Qu.
Publ.: 1832 (Regensb. bot. Ges. rd. 9 Jan 1833), p. [1]-12, *pl. 5-7, 7B* (col. pl. by T. Wild). *Copies*: BR, FH, G. – Reprinted from Nova Leopoldina 16(1): [89]-100, *pl. 5-7, 7B* (idem). – Even though it is likely (in view of the editor's practice to do so for his authors) that the reprints are actually preprints, we have no indication that this was indeed the case. We must therefore accept the year of publication of the journal volume as the year of publication of this paper.

6703. *Das System der Pilze.* Durch Beschreibungen und Abbildungen erläutert von Dr. Th. Friedrich Ludw. Nees von Esenbeck und A. Henry [2: von Dr. Th. Bail]. Erste [zweite] Abtheilung ... Bonn (Verlag des lithographischen Instituts der Rheinischen Friedrich-Wilhelms-Universität und der Leopoldinisch-Carolinischen Academie der Naturforscher von Henry und Cohen) 1837-1858, 2 parts. Duod. (in sixes). (*Syst. Pilze*).
Co-author of vol. 1: Aimé Constant Fidèle Henry (1801-1875). *Author* of vol. 2: Carl Adolph Emo Theodor Bail (1833-1922).
1: 1 Mar-4 Apr 1837 (Flora rd. 4 Apr 1837, adv. 21 Feb 1836; Hinrichs 9-15 Apr 1837; "eben erschienen" N. in letter to Miquel, 11 Apr 1837), p. [i*-iv*], [i]-vi, [i]-vi, [1]-74, *pl. 1-12* (*1*, uncol.; *2-12* col. liths.).
2: Jan-Feb 1858 (Flora 7 Mar 1858; p. iv: Oct 1857), p. [i]-iv, [1]-110, [1, Nachtr.], *pl. 13-28* (*13* uncol., *14-38* col. liths.).
Copies: BR, FH, Stevenson, USDA.

6704. *Genera plantarum florae germanicae* iconibus et descriptionibus illustrata ... Bonnae (sumtibus Henry & Cohen) [1833-]1835-1860. Oct. 31 fasc. (*Gen. fl. germ.*).
Authors: Th. Nees, fasc. 1-16 (nos. 1-320).
Frodolin Carl Leopold Spenner (1798-1841), fasc. 17-21 (nos. 321-420).
Aloys Putterlick (1810-1845), fasc. 22-24 (nos. 421-480).
Stephan Ladislaus Endlicher (1804-1849) co-author with Putterlick of 22-24.
Carl Wilhelm Bischof (1825-?), fasc. 26 (nos. 501-520).
Johann Xaver Robert Caspary (1818-1887), fasc. 27 (nos. 521-540).
Adalbert Carl Friedrich Hellwig Conrad Schnizlein (1814-1868), fasc. 25, 28, 31 (nos. 481-500, 541-560, 601-620).
Dietrich Brandis (1824-1907), fasc. 29, 30 (nos. 561-600).
Publ.: *620* [NI: *622*] *pl.* in 31 parts with an average of 20 plates. The plates were to be bound in systematic order in accordance with a new numbering introduced in the *Conspecti* provided with the title pages and other preface matter for six volumes. These six volumes are made up of fascicles 1-22 with some additions (*8 pl.*) from fascicles 23-24. From fascicle 23-31 no attempt was made to prescribe a binding which would differ from the original order of issue. Our information is obviously incomplete. The only copy bound in the order of issue and with the nos 1-24 (undated!) in original covers seen by us is at NY,

which has a second set bound in the prescribed systematic order. Other copies (seen: B, BR, G, MICH, MO, US) show various mixtures of binding.

[*1*]: Dicotyledones 1, Monochlam., 1835, p. [i]-iv, [1-2], *80 pl.* (new nos. 1-80 in conspectus).
[2]: Monocotyledones 1, Gramineae, 1843, [i-iv], *94 pl.* (new nos. 1-94 in conspectus).
[3]: Monocotyledones 2, Cyp., Helob., Coron., 1843, p. [i-iv], *64 pl.* (new nos. 1-64 in conspectus).
[*4*]: Monocotyledones 3, fam. seq., 1845, p. [i-iv], *52 pl.* (new nos. 1-52 in conspectus).
5: Dicotyledones 2, Gamopetalae 1, 1845, p. [i-iv], *65 pl.* (new nos. 1-65 in conspectus).
6: Dicotyledones 3, Gamopetalae 2, 1843, p. [i-iv], *73 pl.* (new nos. 1-73 in conspectus).

author	*fasc.*	*plates*	*dates*	*contents*
Nees	1	*1-20*	Mai 1833	Pinus to Populus
,,	2	*21-40*		Typha to Tamus
,,	3	*41-60*	Dec 1834	Myrica to Osyris
,,	4	*61-80*	Dec 1834	Narthecium to Asphodelus
,,	5	*81-101*	Feb 1835	Orchis to Crocus
,,	6	*102-121*	Jun 1835	Asphodeline to Butomus
,,	7	*122-141*	Sep 1835	Thesium to Illecebrum
,,	8	*142-161*	Dec 1835	Thelygonum to Alchemilla
,,	9	*162-183*	Feb 1836	Cyperus to Vignea
,,	10	*184-200*	Jul 1836	Caulinia to Ophirus
,,	11	*201-220*	Sep 1836	Oryza to Beckmannia
,,	12	*221-240*	Feb 1837	Primula to Pinguicula
,,	13	*241-260*	Mai 1837	Gastridium to Lagurus
,,	14	*261-280*	1837	Chrysopogon to Zea
,,	15	*281-300*	Jul 1837	Erianthus to Triodia
,,	16	*301-320*	Dec 1837	Plantago to Celsia
Spenner	17	*321-340*	1839	Heliotropium to Alkanna
,,	18	*341-360*		Salvia to Phlomis
,,	19	*361-380*		Lavandula to Scorodonia
,,	20	*381-400*		Ocimum to Tussilago
,,	21	*401-420*	1840	[?] Lonicera to Verbena
Putterlick and Endl.	22	*421-440*	1843	Arundo to Asteriscus
,,	23	*441-460*	1844	Vitex to Ambrosia
,,	24	*461-480*	1845	Nicotiana to Maruta
Schnizlein	25	*481-500*	1849	Adoxa to Cornus
Bischoff	26	*501-520*	1849	Hydrocotyle to Cnidium
Caspary	27	*521-540*	1853	Myagrum to Glaucium
Schnizlein	28	*541-560*	1854	Hedera to Cynanchum
Brandis	29	*561-580*	1856	Spartium to Ornithopus
,,	30	*581-600*	1859	Hedysarum to Ribes
Schnizlein	31	*601-620*	1860	Dianthus to Leucanthemum

First announcement (by Nees and publishers Henry et Cohen): Flora 15(2) Int. Bl. 10-12. 1832 (dated Mai 1832); fasc. 1 presented to Regensb. bot. Ges. 8 Mai 1833 (*pl. 1-20*), Flora 16: 302. 1833, reviewed 3: 166-170. 1833. Not all fascicles were announced by Flora: the dates for parts 1-24, as far as cited below stem from notices in Flora or from dated preface pages.

Neger, Franz Wilhelm (1868-1923), German forest botanist and mycologist; Dr. phil. München 1892; high school teacher at Weihenstephan 1892-1893; with the Chilean boundary commission 1893-1897; curator of the herbarium at München 1894-1902; professor of botany at the forestry college of Eisenach 1902-1905, id. at Tharandt nr. Dresden 1905-1920; director of the botanical institute and botanical garden of the Technisch Hochschule, Dresden 1920-1923. (*Neger*).

HERBARIUM and TYPES: Uredinae at B, BR, BRU and C; bryophytes at S, lichens at L,

phanerogams at L, M (r. 1902, 1200, orig.?) and W. – See Sydow, H. et P., *Uredineen,* fasc. 23a for *Uredineae austro-americanae* by Neger. The latter also published a series of *Forstschädliche Pilze,* Lief. 1-7, 1916-1920, nos. 1-175.

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(2) In: *Kryptogamenflora Brandenburg*:

(a) *Aspergillaceae,* 7(1): 75-88. 15 Aug 1905.

(b) *Erysiphaceae,*7(1): 96-135. 15 Aug 1905.

(c) *Perisporiaceae,* 7(1): 136-146. 15 Aug 1905.

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6706. Sammlung Göschen. *Die Nadelhölzer* (Koniferen) und übrigen Gymnospermen ... Leipzig (G. J. Göschen'sche Verlagshandlung) 1907. Oct. (*Nadelhölzer*).

Ed. 1: Oct-Nov 1907 (ÖbZ Oct 1907: rd. NY 12 Dec 1907; Nat. Nov. Dec(1) 1907), p. [1]-185, [186-189, maps]. *Copies*: B, NY. – Sammlung Göschen 355).

Ed. 2: 1919 (Nat. Nov. Oct 1919), p. [1]-156, 5 charts, 4 maps. *Copy*: B. – Zweite, verbesserte Auflage. Berlin und Leipzig (Vereinigung wissenschaftlicher Verleger Walter de Gruyter & Co.) 1919. Oct.

Ed. 3: 1927, 158 p., Berlin 1927, rev. by E. Münch [1876-?], n.v.

Ed. 4: 1952, p. [1]-140. *Copy*: BR. – Sammlung Göschen Band 355. *Die Nadelhölzer* ... Vierte Auflage, durchgesehen und ergänzt von Dr. Bruno Huber [1899-x], ... Berlin (Walter de Gruyter & Co. ...) 1952. Oct.

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6707. Sammlung Göschen. *Die Laubhölzer* kurzgefasste Beschreibung der in Mitteleuropa

einheimischen Bäume und Sträucher, sowie der wichtigeren in Gärten gezogenen Laubholzpflanzen ... Berlin und Leipzig (G. J. Göschen 'sche Verlagshandlung ...) 1914. Oct. (*Laubhölzer*).
Ed. [1]: Mar-Apr 1914 (Bot. Centralbl. 21 Apr 1914; ÖbZ Mai 1914), p. [1]-160. *Copy*: B.
Ed. 2: 1931, p. [1]-160. *Copy*: B. – Zweite Auflage, durchgesehen und ergänzt von Dr. E. Münch [Ernst Münch, 1876-?] ... Berlin & Leipzig (Walter de Gruyter & Co. ...) 1931. Oct.
Ed. 3: 1950, p. [1]-143, 7 charts. *Copies*: BR, FI, USDA. – Dritte durchgesehene Auflage, herausgegeben von Dr. B. Huber ... Berlin (Walter de Gruyter & Co.) 1950. Oct.

Neger, Johannes (*fl.* 1871), German botanist at Nürnberg. (*J. Neger*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1409; Jackson p. 294; PR 10609; Rehder 1: 386, 532.

6708. *Excursionsflora Deutschlands.* Analytische Tabellen zum möglichst leichten und sicheren Bestimmen aller in Deutschland, Deutsch-Oesterreich und der Schweiz wildwachsenden und häufiger cultivirten phanerogamischen und kryptogamischen Gefässpflanzen ... Nürnberg (Verlag der Fr. Korn'schen Buchhandlung) 1871. Oct. (*Excurs.-Fl. Deutschl.*).
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Negri, Giovanni (1877-1960), Italian botanist, Dr. phil. Torino 1925; assistant at the Istituto botanico Torino 1903-1924, at Cagliari 1925; from 1925-1947 professor of botany and director of the Istituto botanico, Firenze. (*G. Negri*).

HERBARIUM and TYPES: FI; further material in FT, H, TO.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 542; BL 2: 335, 353, 375, 379, 695; BM 3: 1409; Bossert p. 283; CSP 17: 470; Hirsch p. 211; IH 1(ed. 6): 362, 2: (in press); Kew 4: 124; LS suppl. 19759; NI 1446; Rehder 2: 738; SBC p. 128.
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HANDWRITING: Webbia 25(1): 3. 1970.

EPONYMY: *Joannegria* Chiovenda (1913); *Negria* Chiovenda (1912); *Negripteris* Pichi Sermolli (1946). *Note*: *Negria* F. v. Mueller (1871) honors Christophorus Negri, an Italian geographer.

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Ed. 1: 1904 (Bot. Centralbl. 25 Oct 1904), p. [i]-xiii, [1]-262, *pl. 1-80* (col.). *Copy*: FI (pl. lacking).
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6710. *La vegetazione della collina di Torino* ... Torino (Carlo Clausen ...) 1905. Qu.
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6711. *Sulla flora briologica della peninsola Sorrentina* ... Torino (Carlo Clausen ...) 1906. Oct.
Publ.: 1906 (after 25 Mar, date of presentation), p. [1]-22. *Copies*: FI, H. – Reprinted and to be cited from Atti r. Accad. Sci. Torino 41: 559-578. 1906.

6712. *La vegatazione delle colline di Crea* ... Torino (Carlo Clausen ...) 1906. Qu.
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6713. *Contributo alla briologia delle Isole Tremiti* ... Torino (Carlo Clausen ...) 1908. Oct.
Publ.: 1908 (after 14 Jul, date of presentation mss), p. [1]-23. *Copies*: FI, H. – Reprinted and to be cited from Atti r. Accad. Sci. Torino 43: 1014-1034. 1908.

6714. *Atlante dei principali funghi* commestibili e velenosi ... Unione (Tipografico-editrice Torinese ...) 1908. Oct. (*Atl. princ. fung.*).
Publ.: 1908, p. [i]-xxxv, [1]-106, *63 col. pl. Copy*: FI.

6715. *Lo stato attuale delle conoscenze sulla vegetazione dell' Italia* e proposte per la costituzione di un comitato permanente "pro flora italica" per la regolare sua esplorazione. Relazione e programma ... Roma (Tipografia nazionale ditta G. Bertero & C.) 1909. Oct. (*Stato conosc. veg. Italia*).
Publ.: 1909, p. [1]-107, [1, ind.]. *Copy*: G. – Reprinted from Atti Soc. ital. progr. sci. 2, Firenze, Oct 1908.
Co-authors: Augusto Béguinot (1875-1940), Adriano Fiori (1865-1950), Achille Italo Forti (1878-1937), Renato Pampanini (1875-1949), Alessandro Trotter (1874-?), Lino Vaccari (1873-1951), Giuseppe Zodda (1877-1968).

6716. Estratto dal volume 1° dell'opera *Il Ruwenzori* relazioni scientifiche ... *Musci* ... Milano (Ulrico Hoepli ...) [1909]. (*Ruwenzori, Musci*).
Publ.: Jan-Sep 1909 (Hedwigia 6 Oct 1909), p. [1]-26, *pl. 1-2. Copies*: FI, H. – Issued with independent pagination as part of L. A. di Savoia, Il Ruwenzori, 1: 487-510. *pl. 1-2.* 1909.

6717. Etiopia. *Appunti di una escursione botanica nell' Etiopia meridionale* (Marzo-Agosto 1909) ... Roma (Tipografia nazionale di G. Bertero e c.) 1913. (*App. esc. bot. Etiopia*).
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6718. *La vegetazione di Monte Bracco* (Saluzzo) ... Roma (Tip. della R. Accad. nazionale dei Lincei ...) 1920. Qu.
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Neill, Patrick (1776-1851), Scottish publisher and botanist at Edinburgh; founder and longtime secretary of the Caledonian Horticultural Society and Wernerian Society. (*Neill*).

HERBARIUM and TYPES: E ("presumably", Hedge & Lamond 1970), DBN, algae in herb. Greville at E; letters at K and LINN (J. E. Smith corr.).

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Allibone, S. A., Crit. dict. Engl. lit. 1407. 1870.
Anon., Bot. Zeit. 9: 798-799. 1851, 10: 647. 1852; Flora 34: 771. 1851 (d. 3 Sep 1851); Gard. Chron. 1851: 567, 663-664 (obit.); Österr. bot. Z. 1: 387. 1851 (d. 3 Sep 1851).

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EPONYMY: *Neillia* D. Don (1825).

6719. *Journal of a horticultural tour* through some parts of Flanders, Holland and the North of France, in the autumn of 1817. By a deputation of the Caledonian Horticultural Society. Edinburgh (printed for Bell & Bradfate), London (... Longman, Hurst, Rees, Orme & Brown) 1823. Oct. (*Journ. hort. tour*).
Publ.: 1823 (p. x: 2 Dec 1822), p. [i]-xv, [1]-574, [1, err.], *pl. 1-5*, [*5a*] (uncol.). *Copy*: NY.

Neilreich, August (1803-1871), Austrian botanist; in various positions with Vienna law courts from 1828-1856, ultimately as Civilgerichtsrath; from 1857 (retirement because of tuberculosis) devoting himself entirely to botany; Dr. phil. h.c. Wien 1865. (*Neilr.*).

HERBARIUM and TYPES: W; further material at BR and FI. – Library also at W.

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 231, 4: 297, 5(2): 419, 12(2): 735; BFM 919, 920, 921; BM 3: 1410; Bossert p. 284; CSP 4: 588, 8: 487, 12: 535; DTS 1: 211; Frank 3(Anh.): 71; Futák-Domin p. 414; Hegi 6(1): 18, 205, 6(2): 1294; Herder p. 167, 192; Hortus 3: 1200 ("Neilr."); IH 2: (in press); Jackson p. 118, 263, 264; Kanitz p. 146 (no. 235); Kew 4: 126; Langman p. 538; Maiwald p. 155; PR 6667-6671 (ed. 1: 7449); Rehder 5: 612; Saccardo 2: 126; TL-1/921; TL-2/2270, 3503, see Kanitz, A; Tucker 1: 514; WU 20: 143-146.

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EPONYMY: *Neilreicha* B. Kotule (1883); *Neilreichia* Fenzl (1850); *Neilreichina* O. Kuntze (1891).

POSTAGE STAMPS: Austria 2 s. (1971) yv. 1193.

6720. *Flora von Wien.* Eine Aufzählung der in den Umgebungen Wiens wild wachsenden oder im Grossen gebauten Gefässpflanzen, nebst einer pflanzengeografischen Uebersicht ... Wien (Fr. Beck's Universitäts-Buchhandlung) 1846-1851, 2 parts. Oct. (*Fl. Wien*).
Main vol.: Mai-Jun 1846 (p. vi: 1 Mai 1846; rd. by Flora Jun 1846, by Hinrichs 30-31 Jul 1846), p. [i*], [i]-xcii, [1]-706. *Copies*: FI, G, USDA.
Nachtraege: 1-6 Aug 1851 (p. iv: 9 Jul 1851; rd. by Zool. Bot. Ver. Wien 6 Aug 1851; ÖbZ 14 Aug 1851), p. [i]-iv, [1]-339. *Copies*: G, MO, USDA. – "*Nachtraege zur Flora von Wien* nach einem erweiterten Gebiete mit Einziehung der benachbarten Alpen und der Leithagegend, nebst einer pflanzengeographischen Uebersicht." Wien (id.) 1851. Oct. (*Nachtr. Fl. Wien*).
Neue billige Ausgabe: 1868, *1*: [i]-xcii, [1]-706, *2*: [i]-iv, [1]-339. *Copies*: B, FI, H. – "... Neue billige Ausgabe." Wien (Friedrich Beck's Verlags-Buchhandlung) 1868, 2 parts. Oct.
Ref.: Neilreich, A., Verh. zool. bot. Ver. Wien 5: 57. 1855 (Nachtr. written 1850).
Schlechtendal, D. F. L. v., Bot. Zeit. 4: 589-590. 21 Aug 1846, 18: 114-116. 6 Feb 1852.
Sauter, A. E., Flora 30: 70-80. 1847, 35: 450-464. 7 Aug 1852.

6721. *Flora von Nieder-Oesterreich.* Eine Aufzählung und Beschreibung der im Erzherzogthume Oesterreich unter der Enns wild wachsenden oder in Grossem gebauten Gefässpflanzen, nebst einer pflanzengeografischen Schilderung dieses Landes ... Wien (Druck und Verlag von Carl Gerold's Sohn) [1857-]1859, 2 parts. Qu. (*Fl. Nied.-Oesterr.*).
1(1): Nov 1857, p. [1]-128 (1. Lieferung; ÖbZ 19 Nov 1857; see copy Regensburg).
(*2*): 1858, p. [i*-ii*], [i]-cxxxii, [1], 129-444, in three Lieferungen, 2: early 1858, 3/4 Apr 1858 (ÖbZ).
2: 1858-1859, p. [i], 445-1010 (in five Lieferungen) of which 5/6 Sep 1858 and 7-9 Dec 1858 or in the first days of 1859 (ÖbZ 1 Jan 1859, Zool. bot. Ges. by 5 Jan 1859).
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Zweiter Nachtrag: 1869 (mss. submitted 3 Feb 1869; Bot. Zeit. 24 Sep 1869), p. [i], [1]-54. *Copy*: G. – Reprinted from Verh. zool. bot. Ges. Wien [245]-298. 1869. To be cited from journal.
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Ref.: Sauter, A. E., Flora 43: 662-671. 14 Nov 1860.
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6722. *Nachträge zu Maly's Enumeratio plantarum phanerogamicarum imperii austriaci universi* ... Wien (Im Inlande besorgt durch W. Braumüller ...) 1861. Qu. (*Nachtr. Maly Enum. pl.*).
Publ.: Aug-Dec 1861 (mss. submitted 3 Jul 1861; Flora rd. Mar-Mai 1862), p. [i], [1]-348. *Copies*: B, FI, H, Regensburg, KNAW, NY, US, USDA. – For Maly's original work see TL-2/5329.

6723. *Aufzählung der in Ungarn und Slavonien bisher beobachteten Gefässpflanzen* nebst einer pflanzengeographischen Uebersicht ... Wien (Wilhelm Braumüller ...) 1866-1870. Qu. (*Aufz. Ungarn Slavon. Gefässpfl.*).
Orig.: Oct-Nov 1865 (t.p. 1866 but see Flora 48: 576. 29 Nov 1865 and Bot. Zeit. 1 Dec 1865), p. [i]-viii, [1, h.t.], [1]-113, [i]-xvi, [1]-389, [390].
Nachtr.: Jan-Apr 1870 (p. v: 28 Dec 1869; Flora 28 Apr 1870), p. [i]-xi, [1]-111. – "*Aufzählung* ... Nachträge und Verbesserungen. Wien (id.) 1870. Qu.
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Ref.: Anon., Bull. Soc. bot. France 13(Bibl.): 115-116. 23 Jun 1866.
Ascherson, P. F. A., Bot. Zeit 23: 364-368. 1 Dec 1865 (rev.), 28: 691-696. 28 Oct 1870.

6724. *Diagnosen der in Ungarn und Slavonien bisher beobachteten Gefässpflanzen* welche in Koch's Synopsis nicht enthalten sind ... Wien (Im Inlande besorgt durch W. Braumüller ...) 1867. Qu. (*Diagn. Ungarn Slavon. Gefässpfl.*).
Publ.: 1867 (p. vi: 6 Feb 1867; Flora 5 Nov 1867), p. [i*-iii*], [i]-vi, [1], [1]-153. *Copies*: BR,

FI, G, H, MO, Regensburg, USDA. – Published as a *Beilage* to Verh. zool. bot. Ver. Wien, 17, 1867. For Koch's *Synopsis* see TL-2/3804.
Ref.: Anon., Bull. Soc. bot. France 14(bibl.): 203-204. 1868.
Ascherson, P. F. A., Bot. Zeit. 26: 281-286. 24 Apr 1868.

6725. *Die Vegetationsverhältnisse von Croatien* ... Wien (Im Inlande besorgt durch W. Braumüller ...) 1868-1869. Qu. (*Veg.-Verh. Croatien*).
Orig.: Mai-Sep 1868 (p. vii: 1 Apr 1868; Flora 15 Oct 1868), p. [i]-vii, [i]-xli, [1]-288. *Copies*: BR, FI, G, H, MO(2), USDA.
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Anon., Bull. Soc. Bot. France 16(bibl.): 84-86. 1869.

6726. *Über Schott's Analecta botanica* ... (Aus dem lviii. Bde. d. Sitzb. d.k. Akad. d. Wiss. I. Abth. Dec.-Heft. Jahrg. 1868) 1868. Oct.
Publ.: Dec 1868 (but possibly only early 1869), p. [1]-23. *Copies*: G, H. – Reprinted from Sitz.-Ber. Akad. Wiss., Wien, 58(1): 552-574. 1868. – N.B. mss presented in the session of 17 Dec 1868. – To be cited from journal. – Study of Schott's new taxa on the basis of the type specimens in his herb. (at that time with Haynald, now BP). – Heinrich Wilhelm Schott (1794-1865), see TL-1/1177-1181.

6727. *Kritische Zusammenstellung der in Österreich-Ungarn bisher beobachteten Arten, Formen und Bastarte der Gattung Hieracium* ... (Aus dem lxiii der Sitzb. der k. Akad. der Wissensch. 1. Abth. Mai-Heft. Jahrg. 1871) 1871. Oct. (*Krit. Zusammenst. Art. Hieracium*).
Publ.: Mai 1871 or somewhat later (Mai issue of journal reports on Mai meetings; not necessarily published same month; Bot. Zeit. 10 Nov 1871), p. [1]-77. *Copies*: G, NY. – Reprinted from Sitz. Ber. Akad. Wiss. Wien 63(1): 424-500. 1871. To be cited from journal.
Ref.: Anon., Bull. Soc. bot. France 20(bibl.): 109-110. Dec 1873.
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Nel, Gert Cornelius (1885-1950), South African botanist; Dr. phil. Berlin 1914 (under Engler); professor of botany at Stellenbosch, South Africa 1921-1950. (*Nel*).

HERBARIUM and TYPES: STE and STE-U; further material at PRE.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 657; Barnhart 2: 543; BJI 2: 123; Hirsch p. 211; Hortus 3: 1200 ("Nel"); IH 2: (in press); Kew 4: 126; Plesch p. 347; Zander ed. 10, p. 697, ed. 11, p. 794.
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White, A. & B. L. Sloane, The Stapelieae 99, 154, 157. 1933, ed. 2. 19 [index]. 1937.

EPONYMY: *Nelia* Schwantes (1928).

6728. *Lithops* plantae succulentae, rarissimae, in terra obscuratae, e familia Aizoaceae, ex Africa australi, G. C. Nel botanices professor apud Universitatem Stellenbossiensem [1946]. (*Lithops*).
Publ.: Jun-Dec 1946 (p. [2]: Jun 1946), p. [i-xii], [1]-178, *pl. 1-43*. *Copy*: NY.

Nelmes, Ernest (1895-1959), British botanist; associated with Kew as gardener, herbarium assistant and librarian from 1921-1958; specialist on *Carex*. (*Nelmes*).

HERBARIUM and TYPES: K; further material at BH and NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 543; Bossert p. 284; Desmond p. 461; IH 2: (in press); Kew 4: 127; Langman p. 538; Lenley p. 307.
Bullock, A. A., Bibl. S. Afr. bot. 79. 1978.
Kent, D. H., Brit. herb. 79. 1957 (herb. at K).
Marshall, H. S., J. Kew Guild 1959: 709 (portr., d. 5 Feb 1959).
Moldenke, H. N., Plant Life 2: 74. 1946 (1948).
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Vanderveken, P., Bull. Jard. bot. État 25: 143. 1955 (epon.).

EPONYMY: *Nelmesia* Van der Veken (1955).

Nelson, Aven (1859-1952), American botanist, plant collector and educator at the University of Wyoming, as professor of biology from 1887; founder of the Rocky Mountain herbarium (RM); Dr. phil. Denver 1904; president of the University of Wyoming 1917-1922. (*A. Nels.*).

HERBARIUM and TYPES: RM; duplicates in many herbaria. Nelson issued various irregular sets of *Plants from the Rocky Mountain Herbarium,* see e.g. Stevenson (1971).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 544; BJI 1: 162, 164, 223, 310; BM 3: 1410, 7: 908; Bossert p. 284; CSP 17: 478; GR p. 234-235; Hirsch p. 211; Hortus 3: 1200 ("A. Nels."); IH 2: (in press); Kew 4: 127-128; Langman p. 538; Lenley p. 307; LS 18882, 37374, suppl. 19779-19780; NAF 28B(2): 348, ser. 2. 5: 250; NW p. 53; Pennell p. 615;. PH 203, 239, 444; Plesch p. 347; Rehder 5: 612; Stevenson p. 1252; TL-2/1253; Tucker 1: 514; Urban-Berl. p. 279, 309, 378; Zander ed. 10, p. 697, ed. 11. p. 795.
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Hitchcock, A. S. & A. Chase, Man. grasses U.S. 988. 1951 (epon.)
Hultén, E., Bot. Not. 1940: 293, 343.
Kalmbach, K., The green Thumb, Bull. Colo. For. Host. 1(5): 10-12. 1944 (portr.).
Morrill, J. L., Univ. Wyoming Publ. 11(1): 1944.
Nelson, A., List of most of the papers, books and published addresses of Aven Nelson to Feb 15, 1912. Laramie, Wyoming, 1912, 8 p.
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Reveal, J., *in* A. Cronquist et al., Intermountain Flora 1: 60, 61. 1972.
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FESTSCHRIFT: University of Wyoming Publications vol. 11, 1944; on p. 1-8 a foreword by J. L. Morrill and a biographical sketch by Ruth Ashton Nelson with portr.

6729. University of Wyoming. Agricultural College Department. Wyoming Experimental Station, Laramie, Wyoming. Bulletin no. 28. May, 1896. *First report on the flora of Wyoming.* By the botanist . . . [Laramie, Wyo. 1896]. Oct. (*First rep. fl. Wyoming*).
Publ.: Mai 1896 (t.p.; Coville rd. his copy 24 Jun 1896; USDA rd. 4 Sep 1896; Nat. Nov. Oct(1) 1896), p. [43]-218. *Copies*: BR, G, McVaugh, NY, US – Aven Nelson was "the botanist" at the Wyoming Experimental Station. This reprint from the Bull. Wyo. Exp. Sta. 28 was published with a special cover carrying the title "First report . . ."

6730. University of Wyoming. Agricultural College Department. Wyoming Experimental Station, Laramie, Wyoming. Bulletin no. 40. January, 1899. *The trees of Wyoming* and how to know them. By Aven Nelson . . . [Laramie, Wyo. 1899]. Oct. (*Trees Wyoming*).
Publ.: Jan 1899, p. [55]-110, *pl. 1-21*. *Copy*: USDA.

6731. *The cryptogams of Wyoming.* A preliminary report upon those species which have been secured to date in the botanical survey of the state . . . published as part of the tenth Annual report of the Wyoming Experimental Station . . . Laramie, Wyoming 1900. (*Crypt. Wyoming*).
Publ.: 1900, p. [1]-38. *Copy*: FH.

6732. University of Wyoming. Agriculture College Department. Wyoming Experimental Station, Laramie, Wyoming. Bulletin no. 46. January 1901. *The bromegrasses of Wyoming* . . . [Laramie, Wyoming 1901]. Oct. (*Brome-grass. Wyoming*).
Publ.: Jan 1901, p. [1]-21, *1 pl. Copy*: FH.

6733. Twentieth century text-books. *An analytical key to some of the common flowering plants of the Rocky Mountain Region* . . . New York (D. Appleton and Company) 1902. Oct. (*Anal. key pl. Rocky Mt.*).
Publ.: Jun 1902 (p. [iv]), p. [i]-vii, [1]-94. *Copy*: USDA.

6734. *Contributions to our knowledge of the flora of the Rocky Mountains.* A collection of papers published in various journals 1898-1904 by Aven Nelson. Submitted to the Faculty of the College of Liberal Arts of the University of Denver, in partial fulfilment of the requirements for the degree of Doctor of Philosophy, May 1904.
Publ.: 1904, p. [i-iv], [1-328, page numbers in index; in text inserted in writing], [1-6, index]. *Copy*: MO. – p. [1-328] are an assemblage of 36 reprints with unchanged pagination.

6735. *Spring flora of the Intermountain States* . . . Boston, New York, Chicago, London (Ginn and Company) [1912]. Oct. (*Spring fl. Interm. States*).
Publ.: 1912 (after 15 Feb 1912, bibl. "in press"; Nat. Nov. Aug(1) 1912), p. [i]-xv, [1]-204. *Copies*: G, MO, USDA.

Nelson, David (x-1789), British gardener, collector and explorer on the voyage of the "Resolution" and the "Discovery" 1776-1780 (Capt. Cook's third voyage); from 1780-1787 gardener at Kew; on the "Bounty" 1787-1789; escaped with Bligh from the mutiny but died on Timor. (*D. Nels.*).

HERBARIUM and TYPES: BM. – Some Hawaiian material also at MO; further material at E.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 391; Barnhart 2: 544; BB p. 227; Bret. p. 152; Dawson p. 450, 526, 632, 799, 825, 870, 885; Desmond p. 461; IH 2: (in press); SK 1: 382-383 (itin.), 5: cccvii, 8: lxviii; TL-2/see J. Cook.
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Ewan, J. et al., Short hist. bot. U.S. 4. 1969.
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Smith, E., Life Joseph Banks 126, 129, 130, 132, 134. 1911.
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EPONYMY: *Nelsonia* R. Brown (1810).

Nelson, Edward Milles (1851-1938), British microscopist and diatomologist. (*E. M. Nels.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 544; CSP 10: 907, 17: 478-480 (main bibl.!); Desmond p. 461; De Toni 1: xci, 2: lxxvii, lxxxiv-lxxxv, 4: xli-xlii; Kew 4: 128.
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Nelson, Edward William (1855-1934), American naturalist; explorer of Alaska, the Arctic and Mexico; with the USDA 1890-1929; Dr. phil. l.c. George Washington Univ. 1920. (*E. W. Nels.*).

HERBARIUM and TYPES: US; duplicates in A, F, G, GH, K, NY, US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 544; BM 3: 1410, 7: 908; CSP 10: 907, 17: 480-481; Hirsch p. 211; IH 2: (in press); Langman p. 538; NW p. 53.
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Hultén, E., Bot. Not. 1940: 303. (Alaska).
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Sayre, G., Mem. New York Bot. Gard. 19(3): 375. 1975.

EPONYMY: *Nelsonianthus* H. E. Robinson et R. D. Brettell (1973); *Neonelsonia* Coulter et Rose (1895). The derivation of *Nelsoniella* Cookson et Eisenack (1960) is not given by the authors.

Nelson, Elias Emanuel (1876-?), Swedish-born American botanist; pupil of Aven Nelson at Laramie, Wyoming; scientific aid USDA 1900; assistant in horticulture Univ. Wyoming 1901-1905; superintendent experimental farm Bend, Oregon 1905. (*E. E. Nels.*).

HERBARIUM and TYPES: RM; further material at GH, GRO, MO, MSC, NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 544; BL 2: 223, 310; BM 3: 1410; Hortus 3: 1200 ("E. E. Nels."); IH 2: (in press); KR p. 536; Tucker 1: 514.
Ewan, J., Rocky Mt. natural. 272. 1950.
Rydberg, P. A., Augustana Coll. Libr. Bull. 5: 44-45. 1907.

6736. *Revision of the Western North American Phloxes* . . . presented as a thesis for the master's degree in the botanical department of the graduate school of the University of Wyoming and published as a part of the ninth report of the Wyoming Agriculture College. Issued June 1, 1899. Laramie, Wyoming. 1899. Oct. (*Revis. W. N. Amer. Phlox.*).
Publ.: 1 Jun 1899 (TBC 22 Sep 1899; Bot. Centralbl. 5 Jul 1899; Bot. Zeit. 16 Aug 1899), p. [1]-35, [36, index]. *Copies*: US, USDA.

6737. *A revision of certain species of plants of the genus Antennaria* . . . Washington (Government Printing Office) 1901. Oct.
Publ.: 4 Jun 1901, (in journal), reprinted with special t.p. [i] and original pagination from Proc. U.S. Natl. Mus. 23: 697-713. 1901. *Copy*: NY.

6738. University of Wyoming . . . Wyoming Experiment Station, Laramie, Wyoming. Bulletin no. 54. July, 1902. *The shrubs of Wyoming* . . . [Laramie, Wyo., 1902]. (*Shrubs Wyoming*).
Publ.: Jul 1902, p. [i-ii], [1]-47, *5 pl. Copy*: MO.

Nelson, John ("Senilis") (*fl.* 1860), British arboriculturist of Lymington, Hants. (*J. Nels.*).

HERBARIUM and TYPES: Unknown.

NAME: Used the pseudonym "Johannes Senilis".

BIBLIOGRAPHY and BIOGRAPHY: BB p. 227; BM 3: 1410; Desmond p. 461; Hortus 3: 1200 ("J. Nels."); Jackson p. 140; Kew 4: 128; Langman p. 538; PR 8615 (Senilis); Rehder 3: 289; Tucker 1: 514; Zander ed. 11, p. 795.

6739. *Pinaceae*: being a handbook of the firs and pines. By Senilis. London (published for the author by Hatchard and Co., . . .) 1866. Oct. (*Pinaceae*).
Publ.: 1866 (p. viii: Jan 1866; Gard. Chron. 9 Jun 1866), p. [i]-xix, [1]-223. *Copies*: NY(2), USDA. – ("a work of no scientific worth, but unfortunately quoted in DC. Prod. and Bentham and Hooker, Genera Plantarum" – Jackson).

Němec, Bohumil Řehoř (1873-1966), Bohemian (Czechoslovakian) botanist; Dr. phil. Praha 1896; mycologist and physiologist; professor of plant anatomy and physiology at the Charles University at Praha from 1904. (*Němec*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 545; BFM 2394, 3338; BM 3: 1410-1411, 7: 909; Bossert p. 284; CSP 17: 481; GR p. 671; Futák-Domin p. 417-419; Hirsch p. 211; Kew 4: 128; Langman p. 538; Lenley p. 307; LS 18883, 37375-37376, suppl. 19789-19816; Maiwald p. 70, 72, 82, 248, 281; Moebius p. 454 [index]; Tucker 1: 514.

Anon., Bot. Centralbl. 80: 192. 1899 (lecturer plant phys. anat. Praha), 86: 192. 1901 (dir. plant phys. inst.), 93: 32. 1903 (prof. plant. anat. phys.); Bot. Jahrb. 31: 29. 1902, 34: 40. 1904 (crr. J. Nemec); Nat. Nov. 23; 317. 1901 (Dir. plant phys. inst. Praha), 25: 438. 1903 (c.o. prof.), 29: 551. 1907 (ord. prof.); Österr. bot. Z. 51: 319. 1901 (dir. pl. phys. inst. Praha), 53: 311. 1903 (extra-ord. prof.), 57: 447. 1907 (ord. prof.); Preslia 2: 5-12. 1923 (biogr., portr., bibl.; for continuations see Iljin 1932, Novak 1961, Pilát 1966); 9: 93. 1930 (address list).

Bilokin, I. P., Ukr. bot. Zhurn. 23(6): 94-97. 1966 (obit.).

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Cuřinova, L., Děj. Ved. Techn. 7: 176-178. 1974 (n.v., fide Kew Record; letters by V.I. Vernadsky to N.)

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Havel, V., Folia microbiol. 11: 325-327. 1966 (obit., portr., b. 12 Mar 1873, d. 7 Apr 1966).

Hrubý, K., Preslia 35: 97-100. 1963 (tribute, 90-th birthday).

Iljin, V. S., Preslia 11: 3-10. 1932 (biogr., bibl., 1923-1932).

Kloz, J. et al., Biol. pl., Praha 15: 1-19. 1973 (portr., biogr., souvenirs, quotations, biogr. refs.; centenary of birth).

Kneucker, A., Allg. bot. Z. 5: 184. 1899 (lecturer), 9: 156. 1903 (extra-ord. prof.), 13: 216. 1907 (ord. prof.).

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Luxová, M., Biológia, Bratislava 28(4): 225-226. 1973 (portr.; centenary of birth).

Maresquelle, H. J., Marcellia 33(3): 193-196. 1966 (obit., cecidiol., bibl., portr.).

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Pastỳrik, L., Biologia, Bratislava 21(6): 401-403. 1966 (obit., portr.).

Pilát, A., Česká Mykol. 7: 49-51. 1953 (biogr. notice, bibl., portr.), 20: 133-134. 1966 (obit.), Sydowia 20: 9-20. 1966 (obit., portr., bibl.); 17(2): 57. 1963 (portr.); Bot. Zhurn. 52: 424-433. 1967 (bibl., portr.).

Prát, S., Preslia 25: 94-95. 1953 (tribute, 60-th birthday).

Schuster, R. M., Hep. Anthoc. N. Amer. 1: 83. 1966.

EPONYMY: *Nemcia* C. Domin (1923). *Note*: *Nemecomyces* Pilát (1933) commemorates T. Němec, director of the institute of plant anatomy and physiology at the Caroline University in Prague.

Němejc, František (1901-1976), Bohemian (Czechoslovakian) palaeobotanist; Dr. phil. Praha 1924; assistant (1924) later (1939) director of the geological-palaeontological department of the Natural History Museum, Prague; extraord. (1929), later (1948) ordinary professor at the Charles University. (*F. Němejc*).

HERBARIUM and TYPES: PR.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 308; BM 7: 909; Futák-Domin p. 419; Kew 4: 129.

Andrews, H. N., The fossil hunters 307-308. 1980.

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Purkynovà, E. & A. Hluštík, Acta Mus. Siles., ser. A. 25(2): 190-192. 1976 (obit., portr.).

EPONYMY: *Nemejcipollis* B. Pacltová (1968); *Nemejcisporites* R. Potonié et G. Kremp (1955); *Nemejcopteris* M. Barthel (1968).

6740. Českà Akademie věd a umění v praze. Třída ii. Palaeontographica Bohemiae nr. xii.

Dr. F. Němejc. *Revise karbonské a permské květeny* středočeských panví uhelných ... v Praze [Praha] (Nákladem České Akademic věd a Umění) 1928. Qu. (*Revis. karb. perm. květ.*).
Publ.: 1928 (mss. submitted 27 Jan 1928), p. [1]-40, English version: [41]-82, *pl. 1-10. Copy*: USGS. – English title (p. 41): "A revision of the carboniferous and permian flora of the coal-districts in Central Bohemia ..."

Nemoto, Kwanji (1860-1936), Japanese botanist. (*Nemoto*).

HERBARIUM and TYPES: Unknown. – For type specimens at TO see his list in Nat. Sci. & Mus. 5(5): 15-14 [sic]. 1934.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 545; BM 7; 909; Bossert p. 284; Hortus 3: 1200 ("Nemoto"); IF suppl. 4: 334; Kew 4: 129; MW p. 353, suppl. p. 256.

6741. Nippon-shokubutsu-soran-hoi (*Flora of Japan supplement*). The enumeration of all the plants phanerogams and higher cryptogams indigenous to, introduced into and cultivated in the empire of Japan Kabafuto, Hokkaido, Honshiu, Shikoku, Kiushiu, Riukiu, and Taiwan with the description of every plant published after the second edition ... Tokyo (Shunyodo Shoten ...) 1936. Oct. (*Fl. Japan, Suppl.*).
Publ.: 1936, p. [i*-viii*], i-iv, [1]-1436, [1]-2. *Copy*: USDA. – Supplement to Makino, T. and Nemoto, K., Nippon-Shokubutsu-sôran (Flora of Japan) ... ed. 2, 1931.

Nendtvich, Carl Maximilian von Cserkut (Károli Miksa) (1811-1892), Hungarian botanist, Dr. med. Budapest 1836; connected from 1839(?) with the Joseps-Industrieschule (later: the Budapest Polytechnic) from 1850 as professor; also connected with Budapest University. (*Nendtv.*).

HERBARIUM and TYPES: probably at BP.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(2): 187; Barnhart 2: 545; BM 3: 1411; CSP 12: 536; Kanitz no. 173; PR 6673 (ed. 1: 7453); Rehder 1: 445.
Anon., Österr. bot. Z. 13: 52-53. 1863.
Poggendorff, J. C., Biogr.-lit. Handw.-Buch 2: 268. 1863; 3: 961. 1898 (b. 31 Dec 1811, d. 5 Jul 1892).

6742. Dissertatio inauguralis historico-naturalis exhibens *Enumerationem plantarum in territorio quinque ecclesiensi* sponte crescentium praemisso tractatu generali de natura geognostica montium, deque situ climate et vegetatione ejusdem regionis quam consensu ... conscripsit Carolus Max. Nendtvich, hungarus quinque-ecclesiensis. Theses adnexae publice defendetur in palatio universitatis [pestiensi] minore die [ ] Januarii 1836. Budae (typis regiae Scient. universitatis Hungariae) [1836]. Oct. (in fours). (*Enum. pl. terr. quinq. eccles.*).
Publ.: Jan 1836, p. [i]-viii, [1]-38. *Copy*: MO. – The "territorio quinque-ecclesiensi" refers to Pécs (German Fünfkirchen).

Nervander, Johan Hugo Emmerik (1827-1909), Swedish-born botanist; studied in Helsinki, fil. mag. 1853; high school teacher in Viborg 1857-1901. (*Nerv.*).

HERBARIUM and TYPES: H.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 545; BM 3: 1412; IH 2: (in press); KR p. 536 (b. 22 Apr 1827, d. 17 Apr 1909); Morren ed. 10, p. 100; Saelan p. 340.

6743. *Bidrag till Finlands bryologi.* Akademisk afhandling, hvilken med den vidtberömda fysisk-mathematiska fakultetens vid Kejserl. Alexanders Universitetet i Finland samtycke och under inseende af William Nylander, ... för licentiatgrad till offentlig granskning utgifves af Johan Hugo Emmerik Nervander, ... i historisk-filologiska lärosalen den 2 Mars 1859, p.v.t.f.m. Helsingfors (J. C. Frenckell & Son) 1859. Oct. (*Bidr. Finl. bryol.*).
Publ.: 2 Mar 1859, p. [i]-xvi, [1]-95. *Copies*: H(2), MO-Steere, NY.

Nessel, Hermann (1877-1949), German botanist and gardener; originally assistant at the

Institute for Plant Physiology of Berlin University; subsequently in charge of the University of Giessen Botanical Garden; specialist on Lycopodiaceae. (*Nessel*).

HERBARIUM and TYPES: BONN (5500 pteridophyta; extant), HBG.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 545; IH 1 (ed. 6): 362, 2: (in press); Kew 4: 129; LS suppl. 19823; MW p. 353, suppl. p. 256.
Herter, W. G. F., Revista sudamer. bot. 10(1): 30. 1951 (d. 29 Aug 1949; obit.).
Merrill, E. D., B. P. Bishop Mus. Bull. 144: 143. 1937 (Polynes. bibl.); Contr. U.S. natl. Herb. 30(1): 227-228. 1947 (pacific bibl.).

COMPOSITE WORKS: *Lycopodiaceae, in Flora brasilica* 2(2) (fasc. 11), 1955, 131 p. (Taxon 5: 148. 1956).

6744. *Die Bärlappgewächse* (Lycopodiaceae) Eine beschreibende Zusammenstellung mit besonderer Berücksichtigung ihrer Varietäten und Formen ... Jena (Verlag von Gustav Fischer) 1939. Oct. (*Bärlappgewächse.*).
Publ.: 1939 (Nat. Nov. Nov 1939), frontisp., p. [iii]-viii, [1]-404. *Copies*: BR, FI, G, U, USDA. – "His bibliography and nomenclature are almost unbelievably careless and inaccurate. His keys are badly put together ..." (Weatherby 1941).
Ref.: Weatherby, C. A., Fern J. 31(4): 148-149. 1941.
Schmidt, O. C., Hedwigia 80: (71)-(72). 1942 ("... unbefriedigende[n] Zusammenfassung").

Nestler, Chrétien Géofroy [Christian Géofroy] (1778-1832), Alsatian botanist of German origin; studied with L. C. Richard at Paris; army pharmacist 1806-1810; from 1813 assistant to Villars; professor of botany and pharmacy at Strasbourg 1817-1832. (*Nestl.*).

HERBARIUM and TYPES: MPU (crypt.; through Roumeguère); further material at BP, E, E-GL, FI, G-DC, KIEL, PC. – See Mougeot for the *Stirpes cryptogamae vogeso-rhenanae* (15 fasc., index, Bruyères 1810-1860).

NAME: Margadant (MD p. 191) checked the christian names (Chrétien Géofroy, sic) in the Archives of the Département du Bas-Rhin at Strasbourg. The names are usually given in German (Christian Gottfried).

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 780, 12(1): 212; Barnhart 2: 545; BM 3: 1412; CSP 4: 590; DTS 1: 212; Frank 3(Anh.): 71; GR p. 291, cat. p. 68; Hawksworth p. 184; Hegi 4(2): 865, 5(2): 1348, 6(2): 1222; Herder p. 156, 342; Hortus 3: 1200 ("Nestl."); IH 2: (in press); Jackson p. 141; Kew 4: 129; Langman p. 539; Lasègue p. 289; MD p. 191; Moebius p. 282; Nordstedt p. 35; PR 6674-6676 (ed. 1: 7434-7436); Rehder 1: 45, 5: 613; RS p. 121; SBC p. 128; Stevenson p. 1252; TL-1/922; TL-2/see J. E. Duby; Tucker 1: 514; Urban-Berl. p. 262, 309; Zander ed. 10, p. 697; ed. 11, p. 795.
Anon., Ann. Chém. Phys. Paris 52: 221. 1833; Flora 15: 671. 1832 (d. 2 Oct 1832).
Candolle, A. P. de, Mém. souvenirs 139. 1862.
Dilg, P. & W. Ilg, Deut. Apoth.-Zeit. 118: 251. 1978 (member Regensb. bot. Ges.).
Fée, A., Discours sur la tombe de Nestler. Strasbourg 1832 (n.v.).
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 114. 1970 (pl. E and E-GL).
Kirschleger, F., Fl. Alsace 2: lxv-lxviii. 1857.
Roumequère, C., Rev. mycol. 11: 17-34. 1889 (corr. with J. B. Mougeot).
Sayre, G., Bryologist 80: 514. 1977.
Steinberg, C. H., Webbia 32(1): 32. 1977 (material at FI).

EPONYMY: *Nestlera* K. P. J. Sprengel (1818).

6745. *Monographia de Potentilla* praemissis nonnullis observationibus circa familiam rosacearum, auctore C. G. Nestler, ... Parisiis et Argentorati [Paris, Strasbourg] (apud Treuttel et Wurtz, typis Didot Jun ...) 1816. Qu. (*Monogr. Potentilla*).
Publ.: Jun 1816, p. [i*], [i]-iv, [5]-80, chart, *pl. 1, 1bis, 2-11* (uncol.; L. C. Richard, Poiteau, de Straus). *Copies*: BR, FI, G, H, L, MICH, MO, USDA; IDC 5482.

Thesis issue: Jun 1816, p. [i]-iv, [5]-91, *pl. 1, 1bis, 2-8. Copies*: HU, P (Bibl. Centr.). – "*Commentatio botanico-medica de Potentilla,* necnon de plantis huicce generi affinibus et in usum medicum tractis, quam pro gradu doctoris medicinae rite obtinendo inclytae Facultatis medicae Parisiensis examini submittit et die sexto mensis junii tueri conabitur, C. G. Nestler ..." Parisiis (ex typis Didot junioris, ...) 1816. Qu. – We have no information indicating that the regular issue (*Monogr. Potentilla*) was either earlier or later than the thesis issue (defended on 6 Jun 1816; published on that day or possibly earlier?).

6746. *Index plantarum quae in horto academ. argentinensi* anno 1817 viguerunt. Argentorati [Strasbourg] (typis F. G. Levrault, ...) 1818. Oct. (in fours). (*Index hort. argent.*).
Publ.: 1818 (p. [iv]: 1 Jan 1818), p. [i-iv], [1]-23. *Copy*: G.
Supplementum: 1819, 8 p. (see Flora 2: 70. 7 Feb 1819).

Netto, Ladislau de Souza Mello e (1837-?), Brazilian botanist; director of the botanical section of the Rio de Janeiro National Museum 1866-1875; director of the entire museum from 1875-1893. (*Netto*).

HERBARIUM and TYPES: R; further material at BR and GH.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1412-1413; CSP 4: 591, 8: 488, 10: 910, 12: 536, 17: 488; Herder p. 225; IH 2: (in press); Jackson p. 373; Kew 4: 131; PR 6677-6680; Rehder 5: 613; Tucker 1: 515.
Anon., Arch. Antropologia 24: 355. 1894; Arch. Mus nac. Rio de Janeiro 22: 40-46. 1919; Rodriguesia 2(8): 66. 1937.
Baillon, H., Adansonia 6: 238. Mai 1866 (epon.).
Garraux, A. L., Bibl. brésil. 207-208. 1898 (bibl.).
Papavero, N., Essays hist. neotrop. dipterol. 1: 94, 169. 1971.
Sampaio, A. J., Arch. Mus. nac. Rio de Janeiro 22: 40-42, 44, 47. 1919.
Stafleu, F. A., Acta bot. neerl. 2(2): 214. 1953.
Teschauer, C., Os naturalistas viajantes ... no Brasil 400-405. i.d.
Urban, I., Fl. bras. 1(1): 69-70. 1906 (biogr., itin.).

COMPOSITE WORKS: Editor, *Archivos* [Arquivos] *Museu nacional do Rio de Janeiro* 1-7, 1876-1887.

EPONYMY: *Nettoa* Baillon (1866).

6747. *Additions à la flore du Brésil,* ... (partie botanique du rapport sur la vallée du haut San-Francisco.) Continuation. (Extrait des Annales des Sciences naturelles 5e série, t.v., 2. Cahier) [1865]. Oct.
Publ.: 1865, p. [1]-8, *pl. 7-9. Copy*: G. – Reprinted from Ann. Sci. nat. ser. 5. 5: 80-87. 1866. To be cited from journal. – The first part of the *Additions* was published in Ann. Sci. nat. ser. 5. 3: 377-379. 1865.

6748. Additions à la flore brésilienne. *Itinéraire botanique dans la province de Minas Geraes* accompagné d'un aperçu sur les principales régions parcourues et de considérations sur l'habitation, l'importance, etc., de chaque plante remarquable ... partie botanique du rapport sur le bassin du haut San Francisco. Paris (Imprimerie Simon Raçon et Compagnie ...) 1866. Oct.
Publ.: Sep-Oct 1866 (read to Soc. bot. France 22 Jun 1866), p. [i-iii], [1]-42. *Copies*: FI, G. – Reprinted from Ann. Sci. nat. Bot. ser. 5. 5: 158-201. 1866. To be cited from journal.

6749. *Apontamentos relativos á botanica applicada no Brasil* ... Rio de Janeiro (Typographia universal de Laemmert ...) 1871. Oct. (*Apont. bot. appl. Brasil*).
Publ.: 1871, p. [i]-v, [1]-78. *Copy*: NY.

6750. *Aperçu sur la théorie de l'évolution* par le Dr. Ladislau Netto ... Rio de Janeiro (Imprimerie du "Messager du Brésil" ...) 1883. Oct. (*Aperçu théor. évol.*).
Publ.: 1883 (p. iv: 2 Mai 1883), p. [i]-iv, [1]-22. *Copy*: G.

6751. *Le Muséum national de Rio-de-Janeiro* et son influence sur les sciences naturelles au Brésil ... Paris (Librairie Ch. Delagrave ...) 1889. Oct. (*Mus. natl. Rio de Janeiro*).
Publ.: 1889, p. [i]-vi, [1]-87. *Copy*: FI.

Neuberger, Joseph (1854-1924), German botanist; studied at Freiburg im Breisgau 1874-1878; high school teacher at Heidelberg 1878-1881 and 1884-1890; id. at Donaueschingen 1881-1884; id. at Freiburg i.Br. 1890-1919. (*Neuberger*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BFM 1912; BJI 1: 124; Kew 4: 131; Rehder 2: 106; Tucker 1: 515.
Kneucker, A., Allg. bot. Z. 28/29: 56(112). 1925 (d.).
Oltmanns, F., Mitt. bad. Landesver. Naturk. Freiburg 1: 337-339. 1925. (obit., b. 9 Apr 1854, d. 13 Oct 1924).

6752. *Flora von Freiburg im Breisgau.* (Südl. Schwarzwald, Rheinebene, Kaiserstuhl) ... Freiburg im Breisgau (Herdersche Verlagsbuchhandlung ...) 1898. Oct. (*Fl. Freiburg*).
Ed. 1: Mar-Mai 1898 (p. iv: Mar 1898; Nat. Nov. Jun(1) 1898; Bot. Centralbl. 23 Jun 1898), p. [i]-xxiii, [1]-266. *Copy*: G.
Ed. 2: Mar-Mai 1903 (p. v: late Feb 1903; Nat. Nov. Mai(2) 1903; Allg. bot. Z. 15 Jul 1903; Bot. Zeit. 20 Jul 1903), p. [i]-xxii, [1-2], [1]-274. *Copy*: B.
Ed. 3/4: 1912 (p. iv: Feb 1912; Nat. Nov. Nov(2) 1912; Allg. bot. Z. 30 Nov 1912), p. [i]-xxiv, [1]-319. *Copies*: B, BR, G, M.
Ref.: Buchenau, F. G. P., Bot. Zeit. 56(2): 171-172. 1 Jun 1898.
Kneucker, A., Allg. bot. Z. 4: 149-150. 1898 (rev. ed. 1), 9: 134. 1903 (ed. 2), 18: 144. 1912 (ed. 3/4).

6753. *Schulflora von Baden* bearbeitet von Joseph Neuberger, ... Freiburg im Breisgau (Herdersche Verlagshandlung ...) 1905. Oct. (*Schulfl. Baden*).
Ed. 1: Mar-Apr 1905 (p. [v]: Mar 1905; Nat. Nov. Apr(2) 1905), p. [i]-xxiv, [1]-278. *Copies*: B, M.
Ed. 2: Jan 1910 (t.p. 1910; p.: Nov 1909; Allg. bot. Z. 15 Feb 1910; Bot. Zeit. 16 Feb 1910; Nat. Nov. Mar(1) 1910).
Ed. 3/4: 1914 (p. vi: Apr 1914), p. [i]-xxiv, [1]-278. *Copy*: B.
Ed. 5/6: 1919 (preface: Apr 1919; Nat. Nov. Nov 1919), n.v.
Ed. 7/8: 1925 (p. v: Mar 1925; Allg. bot. Z. 20 Dec 1925), p. [i]-xxiv, [1]-278. *Copy*: G. – Freiburg im Breisgau (Herder & Co. ...) 1925. – Pref. by Friedrich Oltmanns (b. 1860), who edited this edition after N's death on 13 Oct 1924.
Ref.: Kneucker, A., Allg. bot. Z. 11: 71-72. 1905 (rev. ed. 1), 16: 28-29. 1910 (ed. 2), 21: 41. 1915 (ed. 3. 4), 28/29: 47(103). 1925 (ed. 7/8).
Wangerin, W., Bot. Centralbl. 99: 442. 31 Oct 1905 (rev.).

Neubner, Jacob Eduard (1855-?), German lichenologist; Dr. phil. Leipzig 1883; high school teacher at Plaven/Vogtland from 1882. (*Neubner*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: CSP 10: 910; GR p. 117; LS 18913-18914.

6754. *Beiträge zur Kenntnis der Calicieen.* Inaugural-Dissertation der hohen philosophischen Facultät der Universität Leipzig zur Erlangung der Doctorwürde vorgelegt von Eduard Neubner ... Regensburg (F. H. Neubauer'sche Buchdruckerei (F. Huber)). 1883. Oct. (*Beitr. Calicieen*).
Publ.: Sep 1883 (as thesis; Bot. Centralbl. 1-5 Oct 1883; Nat. Nov. Oct(1) 1883; Bot. Zeit. 26 Oct 1883), p. [i-ii], [1]-21, [1, vita], *pl. 7-8*. *Copy*: G. – Reprinted and to be cited from Flora 66: 291-301. 1 Jul 1883, 307-317. 11 Jul 1883.

Neuman, Julius John (*fl.* 1914), American botanist with the Wisconsin geological and natural history survey. (*J. Neuman*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 546; BM 7: 911; Kelly p. 161; Kew 4: 132; LS suppl. 19925.

6755. *The Polyporaceae of Wisconsin* ... Madison, Wis. (published by the State) 1914. Oct. (*Polypor. Wisconsin*).
Orig. ed.: 1914 (Mycologia 15 Jun 1915; Nat. Nov. Jul 1915), p. [i, iii], [1]-206, *pl. 1-25*. *Copies*: FH, Stevenson. – Wisc. Geol. nat. Hist. Survey, Bull. 33, Sci. ser. no. 10.
Reprint: 1971, p. [i-iii], [1]-156, [158-164, expl. pl.], *pl. 1-25*. *Copies*: FAS, G, NY. – Bibliotheca mycologica Band 32, 3301 Lehre (Verlag von J. Cramer ...) 1971, ISBN 3-7682-0704-8.

Neuman, Leopold Martin (1852-1922), Swedish botanist, Dr. phil. Lund 1881; teacher at Sundsvall high school 1883; rector at Ystad high school 1889-1918; at Österhalm, Stockholm 1904. (*Neuman*).

HERBARIUM and TYPES: LD; other material C, E-GL, GB, MANCH. Exsiccatae: *Violae Sueciae exsiccatae* quas ediderunt L. M. Neuman, L. J. Wahlstedt, S. S. Murbeck, fasc. 1-2, Lund 1886, 1893 (nos. 1-60). Sets at B, C, GOET, H, K, LD, MANCH, MPU, P, S.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 478; Backer p. 657; Barnhart 2: 546; BL 2: 451, 513, 540, 541, 695; BM 3: 1415; CSP 10: 911, 17: 492; Hortus 3: 1200 ("Neuman"); IH 1(ed. 6): 362, 2: (in press); Kew 4: 132; Kleppa p. 222, 243, 285; KR p. 536-539; Morren ed. 10, p. 107; Rehder 5: 615; TL-2/2426; Tucker 1: 515; Urban-Berl. p. 378; Zander ed. 10, p. 697, ed. 11, p. 795.
A. D., Österr. bot. Z. 38: 38-39. 1888 (rev. fasc. 1, *Violae*), 44: 79. 1894 (fasc. 2); Bot. Not. 1922: 108-109 (obit., b. 11 Sep 1852, d. 17 Feb 1922).
Christensen, C., Danske bot. hist. 2: 515. 1925.
Hedge, I. C., & J. M. Lamond, Index coll. Edinb. herb. 114. 1970.
Kurck, C., Bot. Not. 1933: 43-44 (Skåne botanist).
Wittrock, V. B., Acta Horti Berg. 3(2): 63-64. *pl. 12*. 1903 (portr.).

EPONYMY: *Neumannia* Brongniart (1841) and *Neumannia* A. Richard (1845) were named in honor of the French gardener J. H. F. Neumann (1800-1858).

6756. *Sveriges flora* (fanerogamerna) utgifven af L. M. Neuman ... med biträde af Fr. Ahlfvengren. Lund (C. W. K. Gleerups Förlag) [1901]. Oct. (*Sver. fl.*).
Collaborator: Fredrik Elias Ahlfvengren (1862-1921).
Publ.: Mar-Apr 1901 (p. ii: 4 Mar 1901; Nat. Nov. Mai(1) 1901), p. [i]-xxxvi, [1]-832. *Copies*: BR, G, H, USDA.
Ref.: Grevillius, A. Y., Bot. Centralbl. 88: 387-388. 23 Dec 1901 (rev.).

6757. *Herbarium suecicum* förteckning öfver Sveriges fanerogamer i enlighet med Sveriges flora. Utgifven af L. M. Neuman ... med biträde af Fr. Ahlfvengren ... Lund (C. W. K. Gleerups Förlag) [1901]. Oct. (*Herb. suec.*)
Collaborator: Fredrik Elias Ahlfvengren (1862-1921).
Publ.: 1901 (Nat. Nov. Oct(1) 1901), p. [i], [1]-71. *Copies*: G, H.

6758. *Bidrag till kännedomen af floran på Sveriges* Syd-Vestkunst, omfattande trakten mellan Halmstad och Engelholm [Göteborg, (D. F. Bonniers boktr.) 1884]. Oct.
Publ.: Jul-Nov 1884 (p. [4]: Jun 1884; Bot. Zeit. 30 Jan 1885; Nat. Nov. Dec(2) 1884; Bot. Centralbl. 1-5 Dec 1884), p. [1]-56. *Copy*: B. – Issued, and to be cited as Göteb. Vet. Vitt. Samh. Handl. ser. 2, häft 19, 1884.

Neumann, Ferdinand (*fl.* 1844), German horticulturist at Erfurt. (*F. Neumann*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Herder p. 286; PR ed. 1: 7461-7462.

6759. *Die Familie der Amaryllideen* mit den Synonymen der einzelnen Species ... Weissensee (Druck und Verlag von G. F. Grossmann) 1844. Oct. (*Fam. Amaryll.*).
Publ.: 1844, p. [i], [1]-180. *Copies*: B, FI, MO.

Neumayer, Georg Balthasar von (1862-1909), German naturalist; director of the Hamburg naval observatory 1876-1903. (*Neumayer*).

HERBARIUM and TYPES: Some material at WU [?].

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 547; BJI 1: 43; BM 3: 1416; CSP 4: 596, 8: 491, 10: 912, 12: 537, 17: 496-497; IH 2: (in press); Kew 4: 132; MW p. 354; SBC p. 128.
Anon., Biogr. Jahrb. 14: 66*-67* (many refs. to obituaries; b. 21 Jun 1826, d. 25 Mai 1909).
Becker, K. & E. Schumacher, S. B. Ges. naturf. Fr. Berlin ser. 2. 13(2): 145. 1973 (bibl.).
Günther, S., in Festschrift 80. Geburtstages Neumayer, Bad Dürkheim, p. [i]-xxi. 1906.
Poggendorff, J. C., Biogr.-lit. Handw.-Buch 3: 964-965. 1898, 4(2): 1068-1069. 1904, 5(2): 900. 1926 (bibl.).
Reichenbach, H. G. L., Deut. Bot. Herb.-Buch (Nom.) 205. 1841 (epon.).
Sayre, G., Bryologist 80: 514. 1977.

EPONYMY: *Neumayera* H. G. L. Reichenbach (1841) is very likely named for our author although Reichenbach does not give the derivation of the name.

6760. *Die internationale Polarforschung* 1882-1883. *Die Deutschen Expeditionen* und ihre Ergebnisse. Band ii. Beschreibende Naturwissenschaften in einzelnen Abhandlungen, herausgegeben im Auftrage der Deutschen Polar-Kommission von deren Vorsitzenden Dr. G. Neumayer ... Berlin (Verlag von A. Asher & Co.) 1890. Oct. (*Int. Polarforsch., Deut. Exped.*).
Publ.: Vol. 1, Geschichtlicher Theil 1891; vol. 2, Beschreibende Naturwissenschaften, Jan-Mai 1890, p. [i]-vii, [1]-576. *Copy*: NY. – Contains botanical contributions by H. Ambronn, G. Winter, B. Stein, A. Engler, Will, K. A. F. W. Müller, Jean Müller Argov., K. Prantl, P. F. Reinsch, C. M. Gottsche. See under these authors (for A-G see supplement).
Ref.: Taubert, P. H. W., Bot. Jarhb. 12: 17-23. 24 Jun 1890.

6761. *Anleitung zu wissenschaftlichen Beobachtungen auf Reisen.* Mit besonderer Rücksicht auf die Bedürfnisse der kaiserlichen Marine verfasst von P. Ascherson. ... A. Griesebach [sic], ... G. Schweinfurth, ... und herausgegeben von Dr. G. Neumayer, ... Berlin (Verlag von Robert Oppenheim) 1875. Oct. (*Anl. wiss. Beobacht. Reisen*).
Authors of botanical articles: Paul Friedrich August Ascherson (1834-1913) (Geogr. Verbr. Seegräser); August Heinrich Rudolph Grisebach (1814-1879) (Pflanzengeographie); Georg August Schweinfurth (1836-1925) (Samm. Conserv. Phanerog.).
Ed. 1: 1875 (p. vi: 9 Dec 1874), p. [i]-viii, [1]-696, 3 maps. *Copies*: B, NY.
Ed. 2: 1888, 2 vols., in 21 Lieferungen, n.v. In addition to the three botanical papers as listed above: L. Wittmack, *Landwirthschaftliche Kulturpflanzen*; see rev. Bot. Centralbl. 39: 326-330. 1889.
Ed. 3: Mai-Jun 1906 (Herb. Boiss. 22 Oct 1906; p. xi: Spring 1906), 2 vols. (botany in vol. 2.). *Copies*: G, MICH, NY. – Dritte völlig umgearbeitete und vermehrte Auflage in zwei Bänden,... Hannover (Dr. Max Jänecke, ...) 1906. Oct.
1: [i]-xxiv, [1]-842, map, [1, err.].
2: [i]-xv, [1]-880; Ascherson, Seegräser on p. 389-413, Wittmack [Marx Carl Ludewig 1839-1929], Landw. Kulturpflanzen p. 271-320, Grisebach [revised by Carl Georg Oscar Drude 1852-1933] Pflanzengeographie p. 321-388, Schweinfurth, Pflanzen höherer Ordnung p. 414-437.

Neureuter, Franz (*fl.* 1910), German botanist; high school teacher at Heiligenstadt. (*Neureuter*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 547; BFM 446.

6762. *Illustrierte Flora des Eichsfeldes* ein Pflanzen-Bestimmungsbuch für den Gebrauch in der Schule und auf Spaziergängen mit über 700 Einzelbildern in 200 Abbildungen ... Heiligenstadt (Eichsfeld) (Druck und Verlag von F. W. Cordier) 1910. Oct. (*Ill. Fl. Eichsf.*).
Ed. 1: Jul-Aug 1910 (p. 5: Easter 1910; Nat. Nov. Sep(1) 1910; Bot. Zeit. 1 Dec 1910), p. [1]-245, [1, cont.], *fig. 1-200. Copies*: B, MO.
Ed. 2: 1922 (Nat. Nov. Oct 1922), p. [1]-255, [256]. *Copy*: G. Wagenitz. – Heiligenstadt (Eichsfeld) (id.) 1922.

Neuweiler, Ernst (1875-?), Swiss botanist and palaeontologist; Dr. phil. Zürich 1901 (*Neuweiler*).

HERBARIUM and TYPES: Bryophytes: BM (via Schimper).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 547; BFM 2971, 2972, 2973; BJI 2: 124; BL 2: 563-564, 695, BM 7: 911; Kew 4: 132; LS 18926, suppl. 19927-19933; Nordstedt suppl. p. 12; Tucker 1: 515.
Sayre, G., Bryologist 80: 514. 1977.

6763. *Beiträge zur Kenntnis schweizerischer Torfmoore* (mit 2 Tafeln). Inaugural-Dissertation zur Erlangung der Doktorwürde vorgelegt der hohen philosophischen Fakultät, ii. Sektion der Universität Zürich ... Zürich (Zürcher und Furrer) 1901. Oct. (*Beitr. schweiz. Torfmoore*).
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6764. *Die prähistorischen Pflanzenreste Mitteleuropas* mit besonderer Berücksichtigung der schweizerischen Funde ... Zürich (Verlag von Albert Raustein ...) 1905. Oct. (*Prähist. Pfl.-Reste Mitt.-Eur.*).
Publ.: Feb-Mar 1905 (ÖbZ Feb-Mar 1905; Bot. Zeit. 16 Apr 1905; Bot. Jahrb. 36(Lit.): 11. 13 Jun 1905), p. [i-ii], [1]-110, [1, cont.; 1-2 Nachtr.]. *Copies*: G, USDA. – Reprinted from Vierteljahrsschr. naturf. Ges. Zürich 50: 23-134. 1905, also as 6. Heft of C. Schröter, ed., Bot. Exkurs. pfl.-geogr. Stud. Schweiz. – See also Neuweiler, Vierteljahrsschr. naturf. Ges. Zürich 55: 156-202. 1910 (prehistoric woods in Switzerland) and further *Nachträge* l.c. 80: 98-122. 1935, 91: 122-136. 1946.

Newberry, John Strong (1822-1892), American botanist and palaeontologist; trained as a physician at Western Reserve College and Cleveland Medical College (M.D. 1848); in Paris 1849-1850; practicing medicine in Cleveland 1851-1855; surgeon and geologist on various transcontinental exploring expeditions into the American West; professor of Geology at Columbia College 1866-1892; LL.D.h.c. Columbia 1867; chief geologist to the Geological Survey of Ohio 1869-1872. (*Newb.*).

HERBARIUM and TYPES: US; further material in F, K and NY (Ives exp.). Palaeobotanical material at NY (incl. leaf collection; largest set), and US (inf. K. Niklas). Some fossils are also in the Ohio State Geological Museum, Columbus, Ohio. – NY has a mss. Plants of Summit Co., Ohio (inf. R. Stuckey, P. K. Holmgren).

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EPONYMY: *Newberrya* Torrey (1864).

NOTE: It is not possible to give here even an approximately complete list of the publications on and by Newberry. Reference is made to the biography by N. L. Britton (1893), to the

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6766. *Descriptions of the fossil plants collected by Mr. George Gibbs,* . . . by Dr. J. S. Newberry . . . Cambridge (Printed by H. O. Houghton) 1863. Qu.
Collector: George Gibbs (1815-1873), American geologist.
Publ.: 1863, p. [1]-19. *Copy*: USGS. – Reprinted from Boston J. nat. Hist. 7(4): 506-524. 1862 (1863). To be cited from journal.

6767. *Notes on the later extinct floras of North America,* with descriptions of some new species of fossil plants from the Cretaceous and Tertiary Strata [Ann. Lyc. nat. Hist. Apr 1868]. Oct.
Publ.: Apr 1868, Ann. Lyc. nat. Hist. 9: 1-76. Apr 1868. *Copy*: USGS.

6768. *Food and fiber plants of the North American Indians* . . . New York (D. Appleton and Company) 1887. Oct.
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6769. *Fossil fishes and fossil plants of the Triassic rocks* of New Jersey and the Connecticut Valley . . . Washington (Government Printing Office) 1888. Oct. (*Foss. fish. pl. Triassic*).
Publ.: 1888 (TBC 1 Aug 1889), p. [i]-xiv, 1-152, *pl. 1-26. Copy*: USGS. – Issued as Monogr. U.S. Geol. Survey vol. 14, 1888. The USGS copy is accompanied by an advertisement (p. i-v) dated 1 Mar 1889.

6770. *The flora of the Amboy Clays* by John Strong Newberry a posthumous work edited by Arthur Hollick. Washington (Government Printing Office) 1895. Oct. (*Fl. Amboy Clays*).
Editor: Arthur Hollick (1875-1933), American geologist.
Publ.: 1896 (t.p. 1895, but publ. 1896 fide F. H. Knowlton 1897), p. [1]-260, *pl. 1-58. Copies*: U, USGS. – Issued as Monogr. U.S. Geol. Survey vol. 26, 1895. An advertising pamphlet accompanying the USGS copy (p. i-vi) is dated Dec 1895.
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Editor: Arthur Hollick (1857-1933), American geologist.
Publ.: 1898 (TBC 22 Dec 1899), p. [i]-xvii, [1]-295, *pl. 1-58. Copy*: USGS. – Issued as Monogr. U.S. Geol. Surv. vol. 35, 1898.

Newbould, William Williamson (1819-1886), British botanist and clergyman; BA Cantab 1842; Curate Bluntisham, Hunts, 1845; id. Camberton, Cambr. 1846; later living at Turnham Green and Kew. (*Newbould*).

HERBARIUM and TYPES: BM, CGE, E, MANCH, OXF; mss. at BM; letters at OXF.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 553; Barnhart 2: 548; BB p. 227-228; BL 2: 225, 234, 695; BM 3: 1427; Bossert p. 285; Clokie p. 217; CSP 8: 493, 17: 504; Desmond p. 462-463; DNB 40: 315-316; IH 2: (in press); Kew 4: 136-137.
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EPONYMY: *Newbouldia* Seemann ex L. E. Bureau (1864).

Newcombe, Frederick Charles (1858-1927), American botanist (plant physiologist); Dr. phil. Leipzig 1893; Instructor of botany (from 1905 full professor of botany) at the University of Michigan 1890-1923; in retirement at Honolulu 1923-1927. (*F. C. Newcombe*).

HERBARIUM and TYPES: No specimens at MICH (info. R. McVaugh).

NOTE: Not to be confused with the English-born Canadian botanist Charles Frederick Newcombe (1851-1924).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 548; Bossert p. 285; CSP 17: 505-506; Hirsch p. 213; Kelly p. 161; Lenley p. 314; LS 18928; Moebius p. 316; NW p. 54; Rehder 1: 134.
Anon., Amer. Men Sci. 233. 1906; Honolulu Star Bulletin, 3 Oct 1927 (no.62); Jahrb. wiss. Bot. 56: 822. 1915 (Schüler Pfeffers); Nat. Nov. 25: 321. 1903 (president Michigan Acad. Sci., Detroit), 27: 427. 1905 (prof. bot. Ann Arbor).
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Voss, E. G., Contr. Univ. Mich. herb. 13: 73. 1978.

COMPOSITE WORKS: First editor-in-chief *American Journal of Botany* vols. 1-4, 1914-1917.

MEMORIAL VOLUME: Amer. J. Bot., volume 15, for 1928.

Newhall, Charles Stedman (1842-1935), American clergyman and dendrologist; BA. Amherst 1869, MA 1892; studied at Union Theological Seminary; filled various pastorates; ultimately superintendent of the forest reserves of Northern California. (*Newh.*).

HERBARIUM and TYPES: Some material in ILL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 548; IH 2: (in press); Kew 4: 137; Lenley p. 314; Rehder 5: 618; Tucker 1: 518.
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Ed. 1: Aug-Oct 1890 (p. xiv: 12 Mai 1890; USDA rd. 29 Oct 1890; Nat. Nov. Nov(1) 1890; TBC 9 Dec 1890), p. [i]-xiv, [1]-250. *Copy*: USDA.
Re-issue: 1891 (ÖbZ Sep 1891; Bot. Centralbl. 26 Aug 1891; USDA rd. copy 30 Aug 1892), p. [i]-xiv, [1]-250. *Copy*: USDA.
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Re-issue: 1904, *in* combined reissue as below (see below), n.v.
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Ref.: B. D. H., Bull. Torrey bot. Club 17: 330-331. 1890.

6773. *The leaf-collector's hand-book and herbarium* an aid in the preservation and in the classification of specimen of the trees of northeastern America ... New York & London (G. P. Putnam's Sons) 1892. Oct. (*Leaf-coll. handb.*).

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6774. *The shrubs of northeastern America* by Charles S. Newhall . . . New York, London (G. P. Putnam's Sons) 1893. Oct. (*Shrubs n.e. Amer.*).
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6775. *The vines of northeastern America* fully illustrated from original sketches by Charles S. Newhall . . . New York, London (G. P. Putnam's Sons . . .) 1897. Oct. (*Vines n.e. America*).
Publ.: 1897 (Bot. Zeit. 1 Oct 1897; Nat. Nov. Sep(2) 1897), p. [i*-ii*], [i]-xxx, 1-207. *Copy*: USDA.

Newman, Edward (1801-1876), British printer, editor, pteridologist and entomologist; prolific author (*Newm.*).

HERBARIUM and TYPES: BM (herbarium and drawings); correspondence with William Wilson (1799-1871) at NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 549; BB p. 228; BM 3: 1427-1428; Bossert p. 285; CSP 4: 600-604, 8: 494; Desmond p. 463; DNB 40: 338; Hortus 3: 1200 ("Newm."); IF p. 723, suppl. 1: 132; IH 2: (in press); Jackson p. 231, 239, 247; Kew 4: 138; Lenley p. 314; PR 6686-6687 (ed. 1: 7470-7471); Rehder 1: 220, 2: 663; SO 3453-3454; Zander ed. 10, p. 697, ed. 11, p. 795.
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Anon., Bonplandia 3: 33. 1855 (cogn. Leopoldina: Latreille), 6: 49. 1858; Bot. Not. 1877: 60 (d. 12 Jun 1876); Bull. Soc. bot. France 23 (bibl.): 46. 1876 (d.); Entom. mon. Mag. 13: 45-46. 1876 (b. 13 Mai 1801, d. 12 Jun 1876); Entomologist 9: v-xxix. 1876 (obit., portr., b. 13 Mai 1801); Gard. Chron. ser. 2. 5: 823. 1876 (obit.); Trans. Proc. Bot. Soc., Edinburgh 13: 14-16. 1879; Zoologist 1876: iii-xxii.
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6776. *A history of british ferns* . . . London (John van Voorst, . . .) 1840. Qu. (*Hist. brit. ferns*).
Ed. [*1*]: 1-5 Feb 1840 (Geol. Soc. London rd. 5 Feb 1840), p. [i]-xxxiv, [xxxv-xxxvi], [1]-104, err. slip. *Copies*: B-S, FI, USDA.
Ed. [*2*]: 1844, p. [i]-xxxii, [1]-424. *Copies*: BR, FH, MO, US, USDA; IDC 5303. – "*A history of british ferns,* and allied plants by . . ." London (id.) 1844. Oct. – Actually a different book.
Ed. [*3*]: Feb-Mar 1854, p. [i]-xvi, [1]-344. *Copies*: BR, G, MO, UC. – "*A history of british ferns* by . . ." London (id.) 1854. Qu.
Ed. 4: 1865 (J. Bot. Sep 1865), p. [1]-196, *pl. 1-6*. *Copy*: NY. – School edition, London (id.) s.d. Oct.
Ed. 5: Jun 1875 (J. Bot. Jul 1875), p. [1]-198, [1-13, expl. pl.], *pl. 1-6*, [1]. *Copies*: BR, HU, MO. – "*A history of british ferns* by . . . Fifth or people's edition. With plates and glossary; also directions for drying ferns; and full instructions when to find, how to distinguish, and

how to cultivate every british fern." London (W. Swan Sonnenschein & Allen, ...) s.d. Oct.
Ed. 6: Mar 1880 (J. Bot. Apr 1880), (n.v.).
Ed. [5=7]: Apr 1882 (Nat. Nov. Mai(2) 1882; Bot. Not. 30 Jun 1882), (n.v.).
Ref.: N.L., Bot. Zeit. 40: 433. 30 Jun 1882 (rev. ed. 5 = 7).

6777. *Synoptical table of the british ferns* [Appendix to the Phytologist for 1851] Qu. (*Syn. tabl. brit. ferns*).
Publ.: Dec 1851 (cover), p. [i]-xxxii. *Copy*: NY.

Newman, Francis William (c. 1796-1859), Australian botanist; superintendent botanical garden, Hobart from 1845. (*F. Newm.*).

HERBARIUM and TYPES: Unknown.

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6778. *Catalogue of plants in the Royal Society's gardens,* Queens Park, *Hobart Town.* Mr. F. W. Newman, curator. [Hobart 1857]. (*Cat. gard. Hobart Town*).
Publ.: 1857, p. [1]-24. *Copy*: USDA.

Newton, Isaac (1840-1906), British-Portuguese businessman and bryologist at Porto, Portugal. (*I. Newton*).

HERBARIUM and TYPES: : PO; further material at B (through Geheeb), COI, H and L.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 1; CSP 17: 510; GR p. 769; IH 2: (in press); Morren ed. 10, p. 93; TL-2/see Le Monnier, L. G.
Anon., Broteria 1: 194. 1902, 3: 310. 1904 (address list).
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Müller, R. H. W. & R. Zaunick, Friedr. Traug. Kützing 22, 258, 290. 1960.
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Willkomm, M., Grundz. Pfl. – Verbr. Iber. Halbins. 20 1896. (Veg. Erde 1).

EPONYMY: *Newtonia* Baillon (1888) honors Sir Isaac Newton (1642-1727), English mathematician, philosopher and scientist; *Newtonia* O. Hoffmann (1892 & 1894) was named in honor of Francis Newton (1864-1909), British-born Portuguese plant collector in West Africa.

Newton, James (1639-1718), British physician and botanist; acquainted with J. Ray and J. Commelijn. (*J. Newton*).

HERBARIUM and TYPES: BM-SL, OXF.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 1; BB p. 228; BM 3: 1429; Clokie p. 217; DNB 40: 393 (incorrect); Dryander 3: 36, 68, 550; Henrey 2: 731 [index], 3: nos. 1163-1166; Jackson p. 29, 32, 586; Kew 4: 139; Langman p. 539; NI 1447; PR 6688-6689 (ed. 1: 7472); Rehder 1: 288, 291; TL-2/see A. Buddle; Tucker 1: 518.
Dandy, J. E., Sloane Herb. 170-172. 1958.
Gunther, R. W. T., Further corresp. John Ray 323 [index]. 1928.
Kent, D. H., Brit. herb. 70. 1957; Hist. fl. Middlesex 15. 1975.
Morison, R., Pl. hist. univ. Oxon. 3: 202, 232, 237, 628, 647. 1699.
Raven, C. E., John Ray 218, 259. 1942, ed. 2. 492 [index]. 1950.

HANDWRITING: Dandy, J. E., The Sloane herbarium facs. no. 23. 1958.

6779. *A compleat herbal* of the late James Newton, M. D. containing the prints and the English names of several thousand trees, plants, shrubs, flowers, exotics, &c . All curiously engraved on copper-plates. London (printed by E. Cave at St. John's Gate; and sold by Mr. Watson, ...) 1752. (*Compl. herbal*).
Ed. 1: 1752, posthumously, by the author's son; *pl. 1* = portr. of author as frontisp., p. [i-xix], *pl. 2-176* (uncol. copp.). *Copies*: L, USDA. – Further copies et BM-Bloomsb., BM and Roy. Hort. Soc. (fide Henrey).
Ed. 2: 1798, p. [i-xvii], *pl. 1-176* (incl. frontisp. portr. author). *Copy*: G. – A simple re-issue. – "... exotics, &c. Many of which are not to be found in the herbals of either Gerard, Johnson or Parkinson. Curiously engraved on 176 copper-plates. A new editon." London (printed for Lackington, Allen, & Co. ...) 1798.
Ed. 6: 1802, p. [i-xvii], *pl. 1-176* (id.). *Copies*: BM-Bloomsb., BM (fide Henrey).
New ed.: 1805, p. [i-xvi], *pl. 1-176* (id.). *Copy*: BR. – London (Printed by J. D. Dewick, ... for Lackington, Allen and Co. ... 1805.
A new herbal: 1808, 257 p., n.v.
The second and third "editons" are simple re-issues of the pre-linnaean original and are therefore not to be taken into consideration for purposes of nomenclature. For further details see Henrey.

Newton, Lily (née Batten), British botanist, married William Charles Frank Newton 1925; Ph. D. Bristol 1925. (*L. Newton*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 1; BM 7: 921; GR p. 408; Kew 4: 139; Plesch p. 348.

6780. *A handbook of the british seaweeds* ... London (The Trustees of the British Museum ...) 1931. Oct. (*Handb. brit. seaweeds*).
Publ.: Dec 1931 (p. iii: Nov 1931; J. Bot. Mai 1932; Torreya Jan 1932; MO rd. 27 Mai 1932; Nat. Nov. Jan 1932), p. [i]-xiii, 1-478. *Copies*: G, MO, NY, US.
Ref.: Cotton, A. D., J. Bot. 70: 145-147. 1932.
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Neygenfind, Friedrich Wilhelm (*fl.* 1821), German physician and botanist at Schmiedeberg in Liegnitz. (*Neygenf.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 1; BM 3: 1429; Morren ed. 10, p. 186; PR 6690 (ed. 1: 7474-7475); Rehder 1: 224, 376.
Oborny, A., Verh. naturf. Ver. Brünn 21(2)-10. 1882.

6781. *Enchiridium botanicum* continens plantas indigenas cui adjungitur in fine calendarium botanicum ... Misenae [Meissen] (Impensis Fr. W. Goedsche) 1821. Oct. (*Ench. bot.*).
Publ.: 1821, p. [ii]-x, [xi-xii], [1]-532, *1 pl. Copies*: B, G, MO. – Second t.p.: "*Botanisches Taschenbuch*, welches die in Schlesien einheimischen Pflanzen enthält. Nebst einem Pflanzenkalender und einer Ansicht des Riesengebirges ..." PR, ed. 1, states that the "Kalender der schlesischen Flora" was reprinted from the *Enchir. bot.* and distributed separately, dated 1822.

Nicholls, William Henrey (1885-1951), Australian bookbinder, orchidologist, propagator and gardener at the Footscray (Melbourne) municipal gardens. (*Nicholls*).

HERBARIUM and TYPES: MEL.

BIBLIOGRAPHY and BIOGRAPHY: Hortus 3: 1200 ("Nicholls"); IH 2: (in press); Kew 4: 141.
Stafleu, F. A., Taxon 19: 639-640. 1970.

Willis, J. H., Vict. Natural. 66: 104. 1949, 67: 241-242. 1951 (obit., portr., b. 23 Jul 1885, d. 10 Mar 1951).

NOTE: N. contributed nearly a hundred orchidological papers to the *Victorian Naturalist* and other journals. He started an iconography of Australian orchids in 1923. Publication of his *Orchids of Australia* (in 20 parts of 24 plates each) was started at Melbourne in 1951 but the book ran only to four such parts (1951-1958) and was then discontinued for lack of sales. The full set of 476 water-colours was published on 26 November 1969 in a single volume *Orchids of Australia* (see Stafleu 1970 and HR).

Nichols, George Elwood (1882-1939), American bryologist and ecologist; Dr. phil. Yale 1909; with Yale from 1904 as assistant, instructor (1909), ass. professor (1915), assoc. professor (1924), Eaton professor of botany 1926-1939. (*Nichols*).

HERBARIUM and TYPES: YU: much material also at MICH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 2; BM 7: 922; Bossert p. 286; GR p. 235; Hirsch p. 213; IH 2: (in press); Lenley p. 314; LS suppl. 20010; NAF ser. 2. 3: 40, 6: 70; NW p. 54; Pennell p. 615; PH 186, 450; SBC p. 128; Urban-Berl. p. 309.
Anon., Amer. Men Sci. ed. 3: 506. 1921, ed. 5: 824. 1933 (A. B. Yale 1904; Ph. D. 1909, asst. Sheffield sci. School Yale 1904-1909); Bryologist 42: 85. 1939.
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Nichols, G. E., Ann. Rept. Smiths. Inst. 1918: 221-234 (suitability of Sphagnum for surgical dressings; World War I research), see also his "war work for bryologists" and "... surgical Spagnum" *in* Bryologist 21: 53-56, 81-84. 1918 and J. New York Bot Gard. 19: 203-220. 1918.
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Schuster, R. M., Hep. Anthoc. N. Amer. 1: 83-84. 1966.
Steere, W. C., Bryologist 42: 137-142. 1939 (obit., portr., bibl.); Chron. bot. 6(7): 164. 1940 (obit.; taught summer courses at Univ. Mich. Biol. Station 1920-1938; Bot. Rev. 43: 287, 292, 330-332. 1977 (personal recollections).
Verdoorn, F., Ann. bryol. 12: viii. 1939.

6782. *The bryophytes of Connecticut* ... Hartford (printed for the State Geological and Natural History Survey) 1908. Oct. (*Bryoph. Connecticut*).
Co-Author: Alexander William Evans (1868-1959).
Publ.: 1908, p. [i]-203. *Copies*: FI, MICH, MO-Steere, NY. – State of Connecticut Publ. Doc. 47, State Geol. Nat. Hist. Survey Bull. 11: 1-203. 1908.
Additons: "Notes on Connecticut mosses," Rhodora 12: 146-154. 1910, 13: 40-46. 1911, 14: 45-52. 1912, 15: 3-13. 1913.
Ref.: Howe, M. A., Torreya 9: 36-37. 22 Feb 1909.
Grout, A. J., Bryologist 12: 36-37. 3 Mar 1909.

Nicholson, George (1847-1908), British gardener at Kew 1873-1886, curator id. 1886-1901; Veitch medal R. H. S. 1894. (*G. Nichols.*).

HERBARIUM and TYPES: ABD; in part also at WIR (in herb. J. Carey); other material at A, BM, CGE, E, E-GL, K, LIV, OXF, P.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 343; Backer p. 395; Barnhart 3: 2; BB p. 229; BL 2: 269, 695; BM 3: 1430; Bossert p. 286; Clokie p. 217; CSP 10: 521, 12: 538, 17: 515-516; DNB suppl. 2. 3: 12-13; Hortus 3: 1200 ("Nichols."); IH 2: (in press); Kew 4: 142; Langman p.

540; Lenley p. 314; Morren ed. 10, p. 70; MW p. 354-355; Plesch p. 348; Rehder 5: 618-619; Tucker 1: 518; Zander ed. 10, p. 697, ed. 11, p. 795.
Anon., Bot. Centralbl. 88: 127. 1901 (retirement); Bot. Jahrb. 7 (Beibl. 15): 2. 1886; Bot. Not. 1908: 294 (b. 7 Dec 1847, d. 20 Sep 1908); Gard. Chron. 44: 239. 1908 (obit., portr.); Garden 48: xi. 1895 (portr.), 51: 748. 1898, 72: 487. 1908 (portr.); Gard. Mag. 50: 323 (portr.), 324 (obit.). 1907; J. Bot. 46: 336. 1908; J. Hort. Home Farmer 60: 322. 1908 (portr., obit.); J. Kew Guild Dec 1908: 428, 1909 (obit., portr. facing p. 428); Nat. Nov. 23: 539. 1901 (retirement), 30: 561. 1908 (d.); Österr. bot. Z. 51: 447. 1901 (retirement from Kew for health reasons), 59: 127. 1909 (d.); Torreya 8: 273. 1908; [Ed.], La Tribune horticole 3: 635-636. 1908 (obit., portr.).
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EPONYMY: *Neonicholsonia* Dammer (1901); *Nicholsoniella* O. Kuntze (1891).

6783. *The illustrated dictionary of gardening*, a practical and scientific encyclopaedia of horticulture for gardeners and botanists. Edited by George Nicholson, ... London (L. Upcott Gill, ...) 1884-1887, 4 vols. Qu. (*Ill. dict. gard.*).
Publ.: See vol. 4, p. 249-250 for list of dates of publication of the 44 parts; published between Mar 1884 and Oct 1887. *Copies*: G, US. – Fungi by James William Helenus Trail (1851-1919).
1: [i-vi], [vii-viii], [1]-544, *6* col. *pl.*, (*A-E*).
2: [i]-vi, [vii-viii], [1]-544, *6* col. *pl.*, (*F-O*).
3: [i]-vi, [vii-viii], [1]-537, *4* col. *pl.*, (*P-S*).
4: [i]-vi, [vi-viii], [1]-608, *8* col. *pl.*, (*T-Z*, and supplement).
Century supplement [2]: 1900-1901, p. [i]-vi, [vii], [1]-747, [748]. – With the assistance of 10 named and a number of unnamed "other specialists." Published in two parts: [i]-vi, [vii], 1-376, *4 pl.* 1900 (Nat. Nov. Nov(1) 1900) and [i]-vi, [vii], 377-747, [748], *4 pl.* 1901.

6784. *Dictionnaire pratique d'horticulture* et de jardinage illustré de plus de 4.000 figures dans le texte et de 80 planches chromolithographiées hors texte comprenant: la description succincte des plantes connues et cultivées dans les jardins de l'Europe; la culture potagère, ... etc., etc. Par G. Nicholson ... traduit, mis à jour et adapté à notre climat, à nos usages, etc., etc. par S. Mottet ... avec la collaboration de Vilmorin-Andrieux et Cie [.] G. Alluard, E. André, G. Bellar, G. Legros, etc. ... Paris (Octave Doin ... Librairie agricole ... Vilmorin-Andrieux et Cie) 1892-1899, 5 vols. (*Dict. prat. hort.*).
Translator: Séraphin Joseph Mottet (1861-1930).
Orig. ed.: in 80 parts, the contents of which are not fully known to us. *Copies*: BR, FI.
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Nicholson, Henry Alleyne (1844-1899), Scottish palaeobotanist; Dr. phil. Göttingen 1862; M. D. Edinburgh 1869; professor of natural history Toronto 1871, Durham 1874, St. Andrews 1875, Aberdeen 1882. (*H. Nichols.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 309; Barnhart 3: 2; BB p. 229; BM 3: 1431, 7: 923; CSP 8: 502-503, 10: 921-923, 17: 516; Desmond p. 465; Jackson p. 178; Kew 4: 142; KR p. 539; Morren ed. 10, p. 78; Nickles p. 782-784; Quenstedt p. 313.
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EPONYMY: *Nicholsonia* K. B. Kordě (1973).

Nicholson, William Alexander (1858-1935), British bank clerk, botanist, secretary and editor of the Norfolk and Norwich Naturalists Society 1891-1912. (*W. A. Nichols.*).

HERBARIUM and TYPES: NWH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 3; BL 2: 258, 695; BM 7: 928; CSP 17: 516; Desmond p. 465; LS suppl. 20012; MW p. 355; Tucker 1: 778.
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6785. *A flora of Norfolk* with papers on climate, soils, physiography and plant distribution, by members of the Norfolk and Norwich Naturalists' Society . . . London (West, Newman & Co. . . .) 1914. (*Fl. Norfolk*).
Publ.: Mar-Apr 1914, p. [i]-vii, [1]-214, 2 maps. *Copy*: E (inf. J. Edmondson). – See BL 2: 258-259 for supplementary publications.
Ref.: Britten, J., J. Bot. 51: 200. Jun 1913 (in prep.), 52: 108-109. Apr 1914 (rev.).

Nicholson, William Edward (1866-1945), British lawyer and bryologist at Lewes, Sussex. (*W. E. Nichols.*).

HERBARIUM and TYPES: CGE (with diary). – Other material at DBN, E, FH (Hepat.), K. (Bryoph.) and OXF (Bryoph.). Letters at CGE.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 3; Clokie p. 217; Desmond p. 465; Kew 4: 142; Lenley p. 314; SBC p. 128, TL-2/2364.
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COMPOSITE WORKS: *Hepaticae,* in H. Handel-Mazzetti, *Symb. sin.* 5: 7-15, 21-35, 57. 1930.

HANDWRITING: Rev. bryol. lichénol. 15: *pl. 4.* 1946.

Nicklès, Napoléon (x-1878), French Alsatian pharmacist and botanist at Benfelden. (*Nicklès*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 128, 695; BM 3: 1431; CSP 4: 615, 8: 505, 12: 538; Kew 4: 143; Langman p. 540; Morren ed. 10, 432; PR (ed. 1: 7483); Rehder 1: 387; Tucker 1: 518-519.
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Nicolai, Ernst August (1800-1874), German botanist and practicing physician at Arnstadt (nr. Erfurt, Thüringen) (*Nicolai*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 3; PR 6692; Rehder 1: 379; Zander ed. 10, p. 697, ed. 11, p. 795.

6786. *Verzeichniss der Pflanzen die in der Umgebung von Arnstadt wildwachsen,* nebst Angabe ihres Standortes und Blüthezeit . . . Arnstadt (Mirus'sche Buchhandlung) 1836. Duod. (in sixes). (*Verz. Pfl. Arnstadt*).
Ed. [*1*]: 1836 (p. iv: Apr 1836), p. [i]-iv, [1]-74. *Copy*: B-S (complete photocopy: FAS).
Ed. 2: 1872 (Bot. Zeit. 23 Aug 1872, "neu"), p. [i-iv], [1]-87. *Copy*: Niedersächs. Staats-Univ. Bibl. Goettingen. – "Verzeichniss der in der Umgegend von Arnstadt wildwachsenden und wichtig kultivirten pflanzen . . ." Arnstadt (Druck und Verlag von Emil Frotscher) 1872. Inf. G. Wagenitz.

Nicolas, [Léon Marie Joseph] **Gustave** (1879-1955), French biologist, mainly working on physiology, genetics, mycology, and bryology; Dr. phil. Paris 1909; in academic functions in Algeria (1910-1919) and Nancy (1919-1920); professor of general botany at Toulouse (1920-1927), id. of applied botany 1927-1945. (*Nicolas*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 2; BL 1: 20, 310; Kew 4: 143; Langman p. 540; LS suppl. 20023-20065; SBC p. 128; Stevenson p. 1252.
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EPONYMY: *Nicolasia* [sic] S. M. Moore (1900) was named for Nicholas E. Brown (1849-1934), q.v.

Nicolson, (Père) (1734-ca. 1790), Dominican priest in Paris who lived about four years on Santo Domingo. (*Nicols.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 395; Barnhart 3: 4; BM 3: 1433; Dryander 1: 163; Candolle, A. P. de, Prodr. 2: 325. Nov 1825.
Kew 4: 143; Lasègue p. 489, 505; PR 6695 (ed. 1: 7493); Rehder 1: 334; Tucker 1: 519.
Poiret, J. L. M., Enc. méth., Bot. 8: 741-742. 1808.
Urban, I., Symb. ant. 1: 116-117. 1898 (on *Essai*; Original material unknown).

EPONYMY: *Nicolsonia* A. P. de Candolle (1825).

6787. *Essai sur l'histoire naturelle* de l'isle *de Saint-Domingue*, avec des figures en taille-douce. A Paris (Chez Gobreau, ...) 1776. Oct. (*Ess. hist. nat. S. Domingue*).
Publ.: 1776 (privilège dated 19 Aug 1775), frontisp., p. [i]-xxxi, [1]-374, [1-2, privilège], *pl. 1-10* (uncol. copp. Moithey l'aîdné sculp.). *Copies*: G, MO. – Author's name given in "approbation" on p. 374; see also Dryander 1: 163.

Nicolucci, Giustiniano (1818-1904), Italian anthropologist, physician, ethnologist, and botanist at the University of Naples. (*Nicolucci*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1433; Cesati p. 56, 294-295, saggio p. 55-56; CSP 4: 620, 8: 505-506, 10: 924-925, 17: 523; De Toni 1: xci, 2: lxxxvi; PR 6696 (ed. 1: 7494); Quenstedt p. 314; Saccardo 1: 117, 2: 78.
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6788. *De quibusdam algis aquae dulcis* auctore J. Nicolucci. Neapoli (typis Sebeti) 1843. Oct. (*Alg. aquae dulc.*).
Publ.: 1843, p. [1]-22. *Copy*: G.

Nicotra, Leopoldo (1846-1940), Italian physician and botanist, professor of botany and curator of the botanical garden of Sassari 1892-1900; professor of botany at Messina 1900-1911; at Cagliari 1911-1914. (*Nicotra*).

HERBARIUM and TYPES: Material at B, DS, F, FI, GE, LY, MS, PAL, PI, SASSA, SS.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 629; Barnhart 3: 4; BJI 1: 43; BL 2: 391, 394, 695; BM 3: 1433, 7: 924; Bossert p. 286; CSP 10: 925, 12: 538, 17: 523-524; De Toni 1:xci, 2: lxxxvi; Herder p. 432; IH 2: (in press); Kew 4: 144; Langman p. 540; Morren ed. 10, p. 84; Rehder 5: 619; Saccardo 1: 117; SBC p. 128; Tucker 1: 519.
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Publ.: 1876 (?; p. 3: 19 Dec 1873; Bot. Zeit. 24 Nov 1876), p. [1]-3. *Copy*: G.
Ref.: Anon., Bull. Soc. bot. France 23(bibl.): 133. 1876.

6789a. *Prodromus florae messanensis* plantas exhibens phanerogamas sponte virentes juxta methodum naturalem digestas auctore Leopoldo Nicotra Med. Doct. ... Messanae [Messina] (typis Ribera) 1878-1883[-1884], 3 fasc. Oct. (*Prodr. fl. messan.*).
Publ.: in three fascicles, 1878-1883. *Copies*; FI, G, MO. – For further literature see BL 2: 394.
1: 1878 (p. 10: 21 Mai [1878]; Nat. Nov. Oct(1) 1878), p. [1]-64.
2: 1883 (Nat. Nov. Nov(2) 1883; Bot. Centralbl. 10-14 Dec 1883), p. 65-256.
3: Jan-Feb 1884 (Nat. Nov. Mar(2) 1884; Bot. Zeit. 25 Apr 1884), p. 257-460, [1-6, index]. (Date fide Bot. Zeit. 25 Apr 1884 and Bot. Jahrb. 6(Lit.): 141. 31 Jul 1885).
Ref.: Penzig, O., Bot. Centralbl. 20: 78-79. 1884 (rev.).
N.L., Bot. Zeit. 38: 208. 1880.

6790. *Note d'agrostografia* estratto dagli Atti della R. Accademia Peloritana anno iv. Messina (tipografia d' Amico) 1883. (*Not. agrostogr.*).
Issue[*1*]: 1883 (t.p.), p. [1]-44. *Copies*: FI, G. – Reprinted from Atti Accad. Pelorit. 4, 1883 (n.v.).
Issue[*2*]: 1884 (t.p.), p. [1]-44. *Copy*: G. – "Note d'agrostografia. Messina" (id.) 1884.
Ref.: Hackel, E., Bot. Centralbl. 18: 237-239. 19-23 Mai 1884 (critical review).

6791. *Schedulae speciographiche* riferentesi alla flora Siciliana [Naturalista siciliana. Messina 1886-1891].
Publ.: A series of nine essays published in the Naturalista siciliano (N.S.) and reprinted with independent pagination. To be cited from journal. *Copy* of reprint: G.
1: 1886, p. [1]-5, N.S. 5: 81-85. 1 Jan 1886.
2: 1887, p. [1]-3, N.S. 6: 10-13. 1 Oct 1886.
3: 1887, p. [1]-3, N.S. 6: 197-200. 1 Jul 1887.
4: 1888, p. [1], N.S. 7: 80. 1 Dec 1888.
5: 1888, p. [1]-4, N.S. 7: 189-192. 1 Mai 1888.
6: 1890, p. [1]-4, N.S. 9: 95-99. 1 Jan 1890.
7: 1890, p. [1]-3, N.S. 9: 124-127. 1 Feb 1890.
8: 1890, p. [1]-7, N.S. 9: 286-292. 1 Sep 1890.
9: 1891, p. [1]-13, N.S. 10: 19-24. 1 Oct, 65-71. Nov-Dec 1891.

6792. *Comentario diagnostico* [Acireale 1891-1895]. Oct.
Publ.: 1891-1895 (in journal), p. [1]-143. *Copy*: MO. – Reprinted from Atti Rendic. Accad. Sci., Acireale 2: 85-108. 1891, 3: 131-156. 1891, 4: 173-208. 1893, 5: 26-46. 1894, 6: 51-89. 1895 under the title "Contributo al comentario diagnostico delle piante vascolari siciliane". To be cited from journal.

6793. *Contribuzione alla biologia fiorale del genere "Euphorbia"* [Messina (Tipografia dell' epoca, ...) 1893]. Oct. (*Contr. biol. fior. Euphorbia*).
Publ.: 1893 (date on p. 2 cover), p. [1]-61. *Copies*: B-S, MO – Preprinted from A. Borzi, Contr. Biol. veg. 1, 1894.

6794. *Syllabus florae siculae* seu vascularium plantarum Siciliam sponte incolentium enumeratio ex gravioribus notitiis hactenus congestis imprimis deprompta auctore Leopoldo Nicotra [Acireale 1896]. Oct.
Publ.: 1896 (in journal), p. [i]-lxviii. *Copies*: FI, MO. – Reprinted and to be cited from Atti Rendic. Accad. Sci., Acireale 7: 73 [=reprint p. v]-140. 1896.
Addenda: Nicotra, L. & Campana, G., Malpighia 22: 3-14, 537-549. 1908. See BL 2: 391 for further literature.

6795. *Le fumariacee italiane,* saggio d'una continuazione della Flora italiana di Filippo Parlatore per Leopoldo Nicotra. Firenze (Stabilimento tipografico fiorentino ...) 1897. Oct. (*Fumar. ital.*).
Publ.: 1897 (Nat. Nov. Jan(1) 1898; Bot. Centralbl. 5 Jan 1898; Allg. bot. Z. 15 Jan 1898; Bot. Zeit. 1 Feb 1898), p. [1]-78. *Copies*: FI, G.
Ref.: Britten, J., J. Bot. 36: 66-67. Feb 1898.

6796. *Altri ragguali sulle Fumarie italiane* [Accad. Dafnica Sci. in Acireale, 1905]. Oct. (*Altri ragg. Fumar.*).

Publ.: Oct 1905 (p. 12), p. [1]-12. *Copy*: G. – Reprinted or preprinted from Accad. Dafnica Sci., Acireale, Atti ser. 2. 1, 1905.

6797. *Sistema fondamentale della botanica.* Esposto per servire ai corsi d'istruzione superiore . . . Messina (Libraria editrice Ant. Trimarchi . . .) 1908. Oct. (*Sist. fond. bot.*).
Publ.: Jan-Feb 1908 (Nat. Nov. Mar(2) 1908), p. [i]-viii, [1]-319, [1, err.], *2 pl.*

Niebuhr, Carsten (1733-1815), Holstein-born Danish botanist; studied in Göttingen 1757-1761; with Forsskål on a Danish expedition to Arabia 1761-1763, India, Persia and Turkey 1763-1767; in Copenhagen until 1778; subsequently administrator at Ditmarsken, ultimately at Melsdorf. (*Niebuhr*).

HERBARIUM and TYPES: The plants on the Expedition to Arabia were collected by Forsskål (q.v.) and are at C.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 395; Barnhart 3: 4; BM 3: 1433; Bossert p. 286; CSP 4: 620; DSB 10: 117; Herder p. 55; KR p. 539; Lasègue p. 426; NI (alph.); PR (ed. 1: 7496); Rehder 5: 619; TL-1/370-371; TL-2/1819-1820; Tucker 1: 519.
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Christensen, C., Naturforskeren Pehr Forsskål 121-122, 145-146, 162-163. 1918 (letters N. to Forsskål.); Danske bot. hist. 1: 120, 122, 152. 1924, 2: 91-92. 1924.
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Fischer-Benzon, R. J. D. von, *in* P. Prahl, Krit. Fl. Schleswig-Holst. 2: 39-40. 1890.
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Hulth, J. M., Bref Skrifv. Linné 2(1): 427 [index]. 1916.
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Niebuhr, B. G., Kieler Blätter 3: 1-86. 1816 (fide Spjeldnaes in DSB); Beschreibung von Arabien, Kopenhagen 1772 (for translations of and additional travelogues by N. see BM 3: 1433); Reisebeschreibung nach Arabien, Kopenhagen 1774-1778, Hamburg 1837, 3 vols., reprint with introduction by D. Henze, Graz 1968, ISBN 3-201-00201-1; Beschreibung von Arabien, Kopenhagen 1772, reprint with introduction by D. Henze, Graz, 1969, ISBN 3-201-00200-3.
Poggendorff, J. C., Biogr.-Lit. Handw.-Buch 2: 286-287. 1863 (b. 17 Mar 1733, d. 26 Apr 1815).
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Stafleu, F. A., Linnaeus and the Linnaeans 151. 1971.
Warming, E., Bot. Tidskr. 12: 73. 1880.
Wittrock, V. B., Acta Horti Berg. 3(2): 103. 1903.

COMPOSITE WORKS: Niebuhr edited P. Forsskål's *Flora aegyptiaco-arabica* (TL-2/1819) and *Icones rerum naturalium* (TL-2/1820).

EPONYMY: *Niebuhria* A. P. de Candolle (1824), *Niebuhria* Necker ex J. Britton (1901) and *Niebuhria* Scopoli (1777) were probably all named for this author.

Niedenzu, Franz Josef (1857-1937), German botanist; Dr. phil. Breslau 1889; assistant at the Botanical Garden, Breslau 1886-1889; id. Berlin-Dahlem 1889-1892; professor of mathematics and natural history at the Braunsberg (E. Prussia) Lyceum Hosianum 1892-1926; Geh. Regierungsrat 1913. (*Nied.*).

HERBARIUM and TYPES: B. – Duplicates at NY (reference collection, incl. fragments of types).

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 395; Barnhart 3: 4; BFM 8; BJI 1: 43, 2: 124; BM 3: 1433-1434, 7: 924-925; Bossert p. 286; CSP 17: 524; Hirsch p. 214; Hortus 3: 1200 ("Niedenzu"); IH 2: (in press); Kew 4: 144; Langman p. 540-541; LS 18936; MW p. 355; Rehder 5: 619; TL-2/1711, 1713, 1949; Tucker 1: 519; Zander ed. 10, p. 697, ed. 11, p. 795; Zep.-Tim. p. 88.

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Merrill, E. D., J. New York Bot. Gard. 36: 198. 1935 (Niedenzu reference collection of Malpighiaceae received; 673 nos. taken from historical coll., types! Important set for interpretation of N's taxa).
Taubert, P. H. W., Bot. Centralbl. 52: 230-233. 1892 (see on p. 233, publ. 8 Nov 1892, publication of *Antunesia* Niedenzu replacing *Newtonia* Niedenzu Jun 1892), 63: 328-329. 1895 (rev. Lief. 113, E. P. with Elatinac., Frankeniac.).
Verdoorn, F., Chron. bot. 4(2): 172. 1938.

COMPOSITE WORKS: (1) *Malpigiaceae* in Engler, A., *Pflanzenreich,* 91: 1-246. 28 Feb 1928, 93: 247-572. 19 Mar 1928, 94: 572-870. 27 Nov 1928 (rev. H. A. Gleason, Torreya 30: 101-102. 1930).
(2) Schmidlin, E., *Anleitung zum Botanisieren,* ed. 5 by Franz Niedenzu. Berlin 1913, see Schmidlin.
(3) EP, *Nat. Pfl. Fam.*:
(a) *Bruniaceae,* 3(2A): 131-136. Mar 1891.
(b) *Platanaceae,* 3(2A): 137-140. Mar 1891.
(c) *Malpighiaceae,* 3(4): 41-48. Dec 1888, 49-64. Jun 1891, 65-74. Aug 1891, 352. 13 Mar 1894, 353. 22 Mai 1894, suppl. *in* Nachtr. 2-4: 205-207. Oct 1897, Ergänzungsheft 1: 34. 8 Oct 1900.
(d) *Elatinacae,* 3(6): 277-283. 19 Feb 1895.
(e) *Frankeniaceae,* 3(6): 283-288. 19 Feb 1895, 289. 14 Mai 1895.
(f) *Blattiaceae,* 3(7): 16-21. Jun 1892.
(g) *Lecythidaceae,* 3(7): 26-41. Jun 1892.
(4) Editor, Garcke, *Fl. N. Mitt.-Deutschland* eds. 20-22, 1908-1921, see TL-2/1949.
(5) EP, *Nat. Pfl.-Fam.* ed. 2
(a) *Elatinaceae,* 21: 270-276. 1925.
(b) *Tamaricaceae,* 21: 282-289. 1925.

EPONYMY: *Niedenzua* Pax (1894).

NOTE: Niedenzu was a longtime professor at the Braunsberg *Lyceum Hosianum,* a roman catholic college for theology and philosophy, educating clergymen for E. Prussia. The college went back to a seminary founded 1579 by bishop Stanislaus Hosius. Niedenzu founded its botanical garden in 1893 and was Rector of this Lyceum (later Staatliche Akademie zu Braunsberg) 1902-1905, 1920-1923, and retired in 1926.

6798. *Handbuch für botanische Bestimmungsübungen* . . . Leipzig (Verlag von Wilhelm Engelmann) 1895. Oct. (*Handb. bot. Best.-Übung.*).
Publ.: Apr 1895 (p. vi: Apr 1895; Nat. Nov. Mai(1) 1895; ÖbZ Mai 1895; Bot. Centralbl. 14 Jun 1895; Hedwigia 19 Jun 1895; Flora 15 Jul 1895), p. [i]-vi, [vii, abbr.], [1]-351. *Copies*: BR, G, MO.
Ref.: Harms, H. A. T., Bot. Centralbl. 63: 78-80. 9 Jul 1895 (rev.).

6799. Index lectionum in Lyceo regio hosiano brunsbergensi per hiemem a die xv. octobris anni mdccclxxxxv instituendarum. Insunt: i. Dissertatio "*De genere Tamarice,*" autore F. Niedenzu . . . Brunsbergae [Braunsberg] (Typis heyneanis (R. Siltmann)). 1895. Qu. (*Gen. Tamar.*).
Publ.: 1 Jul-15 Oct 1895 (preceding beginning winter semester; Bot. Zeit. 16 Mar 1896), p. [1]-11; on p. [12]-32: ii. *Hortus hosianus* Bericht über die Gründung des Kgl. botanischen Gartens am Lyceum Hosianum. Von F. Niedenzu; on p. 33-34: index lectionum. *Copies*: G.
Ref.: E. Roth, Bot. Centralbl. 64: 389-391. 11 Dec 1895.

6800. Index lectionum in Lyceo regio hosiano brunsbergensi per aestatem a die xv. aprilis

anni mdccclxxxxvii instituendarum. Praecedit Prof. Dr. Franc. Niedenzu dissertatio: *De genere Byrsonima* (pars prior). Brunsbergae [Braunsberg] (Typis heynensis (G. Riebensahm)) 1897. Qu. (*Byrsonima*).
Pars prior: 1 Jan-31 Mar 1897 (preceding summer semester; Bot. Centralbl. 31 Mar 1897; Nat. Nov. Dec(1) 1897), p. [1]-8, on p. 9-12: index lectionum. *Copies*: G, US, USDA.
Pars posterior: 20 Jun 1901, p. [1]-45. *Copies*: BR, FI, G, NY, US, USDA. – Arb. bot. Inst. Kgl. Luc. hosian. Braunsberg 1: 1-45; p. 46-48 (hist. pl. in hort. hos.) (*Byrsonima 2*).

6801. Index lectionum in Lyceo regio hosiano brunsbergensi per hiemem a die xv. octobris anni mdccclxxxxviii usque ad diem xv. martii anni mdcccic instituendarum. Praecedit Prof. F. Niedenzu dissertatio: *De genere Bunchosia*. Brunsbergae [Braunsberg] (Typis heyneanis (G. Riebensahm)) 1898. Qu. (*Bunchosia*).
Publ.: 1 Jul-15 Aug 1898 (preceding winter term; US rd. 26 Aug 1898; Bot. Centralbl. 24 Aug 1898; J. Bot. Sep 1898; Nat. Nov. Nov(1) 1898; Bot. Zeit. 1 Oct 1898; TBC 7 Nov 1898), p. [1]-17; on p. 18-19; index lectionem. *Copies*: BR, FI, G, USDA.
Ref.: E. G. B., J. Bot. 33: 356-357. Sep 1898.
Roth, E., Bot. Centralbl. 81: 116. 1900 (rev.).

6802. Index lectionum in Lyceo regio hosiano brunsbergensi per aestatem a die xv. aprilis anni mdcccic instituendarum. Praecedit Prof. F. Niedenzu dissertatio: *De genere Malpighia*. Brunsbergae [Braunsberg] (Typis heyneanis (G. Riebensahm)). 1899. Qu. (*Malpighia*).
Publ.: 1 Jan-27 Mar 1899 (before summer term; Bot. Centralbl. 29 Mar 1899; ÖbZ Feb-Mar 1899; Bot. Zeit. 16 Apr 1899; J. Bot. Aug 1899; TBC 15 Mai 1899), p. [1]-19, followed by index lectionum on p. 20-22. *Copies*: BR, G, US, USDA.
Ref.: E. G. B., J. Bot. 37: 363-364. 1899.
Roth, E., Bot. Centralbl. 79: 170. 1899.

6803. Index lectionum in Lyceo regio hosiano brunsbergensi per hiemem a die xv. octobris anni mdcccic usque ad diem xv. martii anni mdcccc instituendarum. Praecedit Prof. F. Niedenzu dissertatio: *De genere Stigmatophyllo*. Brunsbergae [Braunsberg] (Typis heyneanis (G. Riebensahm)). 1899. Qu. (*Stigmatoph.*).
Pars prior: 1-15 Sep 1899 (preceding winter term; ÖbZ Sep 1899; Bot. Centralbl. 20 Sep 1899; Bot. Zeit. 16 Dec 1899; TBC 16 Oct 1899), p. [1]-13, followed by index lectionum on p. 14-16. *Copies*: FI, G, USDA.
Pars posterior: 1 Jan-15 Mar 1900 (preceding summer term; Bot. Centralbl. 21 Mar 1900), p. [1]-32, followed by index lectionum p. 33-34. *Copies*: BR, G – "Index . . . per aestatem a die xv. aprilis anni mdcccc instituendarum. Praecedit Prof. F. Niedenzu dissertatio: *de genere Stigmatophyllo*. (Pars posterior). Ib.(id.) 1900. Qu. (*Stigmatoph. 2*).
Ref.: Roth, E., Bot. Centralbl. 83: 163-164. 1900.

6804. Index lectionum in Lyceo regio hosiano brunsbergensi per hiemem a die xv. octrobris anni mdcccc usque ad diem xv. martii anni mdcccci instituendarum. Praecedit Prof. F. Niedenzu dissertatio: *de genere Banisteria* (*pars prior*) Brunsbergiae [Braunsberg] (Typis heyneanis (G. Riebensahm)). 1900. Qu. (*Banisteria*).
Pars prior: Jul 1900 (preceding winter term; Bot. Centralbl. 1 Aug 1900; Bot. Jahrb. 4 Sep 1900; Bot. Zeit. 16 Sep 1900), p. [1]-132, followed by index lectionum p. 33-34. *Copy*: G.
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Ref.: Roth, E., Bot. Centralbl. 87: 19-23. 1901 (rev.).

6805. Arbeiten aus dem botanischen Institut des Kgl. Lyceum hosianum in Braunsberg, Ostpreussen. II. *De genere Heteropteryge*. Autore Franc. Niedenzu. Braunsberg (Heyne's Buchdruckerei (G. Reibensahm)). 20 Juni 1903. Qu. (*Heteropt.*).
Publ.: 20 Jun 1903 (t.p.; Nat. Nov. Feb(1) 1904), p. [1]-56. *Copies*: BR(2), G, USDA.

6806. Verzeichnis der Vorlesungen am Königlichem Lyceum hosianum zu Braunsberg im Winter-Semester 1906/7. Inhalt: i. *De genere Hiraea*. Autore F. Niedenzu. ii . . . Braunsberg (Heyne's Buchdruckerei (G. Riebensahm)). Jul 1906. Qu. (*Hiraea*).

Publ.: Jul 1906, p. [1]-17, school business 18-19. *Copies*: BR, G, USDA.

6807. Arbeiten aus dem botanischen Institut des Kgl. Lyceum hosianum in Braunsberg, Ostpreussen. iii. *De genere Mascagnia.* Autore Franc. Niedenzu. Braunsberg (Druck der Ermländischen Zeitungs- u. Verlagsdruckerei (C. Skowronski)). 1908. Qu. (*Mascagnia*).
Publ.: 1 Nov 1908 (t.p.; Nat. Nov. Aug(2) 1909), p. [1]-29. *Copies*: BR, G, US, USDA.
Ref.: Peter, Bot. Zeit. 67(2): 94. 1 Apr 1909.

6808. Verzeichnis der Vorlesungen am königlichen Lyceum hosianum zu Braunsberg im Winter-Semester 1909/10. Inhalt: i. *De genere Tetrapteryge.* Autore F. Niedenzu. ii. ... Braunsberg (Heynes Buchdruckerei (G. Riebensahm)). Juli 1909. Qu. (*Tetrapt.*).
Publ.: Jul 1909 (t.p.; Nat. Nov. Sep(2) 1909), p. [1]-56, school matters 57-59. *Copies*: BR, G, USDA.
Ref.: Peter, Bot. Zeit. 76(2): 231-232. 1 Sep 1909.

6809. Arbeiten aus dem botanischen Institut des Kgl. Lyceum hosianum in Braunsberg, Ostpreussen. iv. *Malpighiaceae americanae i.* Autore Franc. Niedenzu. Braunsberg (Druck von Heynes Buchdruckerei (G. Reibensahm)). 1 Apr 1912. Qu. (*Malpigh. amer.*).
1: 1 Apr 1912, p. [1]-34.
2: Jul 1912, p. [1]-62, school matters 63-65. – Verz. Vorles. K. Acad. Braunsberg 1912/13. (*Malp. amer. 2*).
3: 1 Aug 1914, p. [1]-61, Arbeiten ... v. *Malpighiaceae americanae* iii ... ib.(id.) 1 Aug 1914. Qu. (*Malp. amer. 3*).
Copies: BR, G, USDA.

6810. Arbeiten aus dem botanischen Institut der Kgl. Akademie (vorm. Kgl. Lyceum hosianum) in Braunsberg, Ostpreussen. vi. *Malpighiaceae palaeotropicae.* Autore Franc. Niedenzu. Braunsberg (Druck von Heynes Buchdruckerei (G. Riebensahm).) 1913. Qu. (*Malpigh. palaeotrop.*).
Pars 1: 5 Aug 1913 (t.p., p. [1]-63. *Copies*: BR, G, USDA.
Pars 2: 1 Jan-15 Apr 1924, p. [1]-19, school matters 20-24. *Copies*: BR, G. – Verz. Vorl. Akad. Braunsberg 1924 ... *Malpighiaceae palaeotropicae* ii, Braunsberg 1924. Oct.

6811. Verzeichnis der Vorlesungen an der Königl. Akademie zu Braunsberg im Winter-Halbjahr 1918/19. Mit einer Abhandlung von Professor Dr. Niedenzu: *Die Anatomie der Laubblätter der amerikanischen Malpighiaceae.* Braunsberg (Druck der Ermländischen Zeitungs- und Verlagsdruckerei) 1918. Oct. (*Anat. Laubbl. amer. Malp.*).
Publ.: 1 Jul-15 Oct 1918, p. [1]-23, school matters p. 24-26. *Copies*: BR, G.
Idem, paläotrop. Malp.: 1 Jan-15 Apr 1922, p. [1]-10, school matters 11-15. *Copies*: BR, G. (*Anat. Laubbl. paläotrop. Malp.*).

6812. Arbeiten aus dem botanischen Institut der Akademie (vorm. Kgl. Lyceum hosianum) in Braunsberg, Ostpreussen. vii. *De genere Acridocarpo.* Autore Franc. Niedenzu. Braunsberg. (Druck von Heynes Buchdruckerei (G. Riebensahm)). 1921. Qu. (*Acridocarp.*).
Publ.: 25 Dec 1921, p. [1]-20. *Copies*: BR(2), G, USDA.

6813. Arbeiten aus dem botanischen Institut der Staatlichen Akademie (vorm. Kgl. Lyceum hosianum) in Braunsberg, Ostpreussen. viii. F. Niedenzu: i. Verzeichnis der Malpighiaceen Sammlungen, 1. Teil. ii. *Malpighiaceae novae.* Braunsberg (Druck von Heynes Buchdruckerei (G. Riebensahm)). 1926. Qu. (*Malpigh. nov.*).
Publ.: 30 Jul 1926, p. [1]-64. *Copies*: G, USDA.

Niederlein, Gustavo (1858-1924), German botanist who travelled and collected in Brazil and Argentina 1879-1886. (*Niederl.*).

HERBARIUM and TYPES: Material mainly at B, BA and CORD, further specimens at E, NY, PH, SI.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 4; BJI 1: 43; BL 1: 147, 232, 235, 236, 310; BM

2: 1434, 7: 925; CSP 10: 925; Kew 4: 144; Langman p. 541; PH 186; Rehder 5: 620; Tucker 1: 519: Urban-Berl. p. 379.
Anon., Hedwigia 65 (Beibl.): 95. 1925 (d. 7 Feb 1924).
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 114. 1970.
Hicken, C. M., Darwiniana 1: 179-181. 1924 (obit.).
Hieronymus, G. H. E. W., Bol. Acad. nac. Ci. 3: 218. 1879 (epon.).
Niederlein, G., Reiseberichte über die erste deutsche-argentinische coloniale Landprüfungsexpedition in das untergegangene südamerikanische Reich der Väter Jesu. Berlin 1883, 91 p., see also M. Möbius, Bot. Centralbl. 22: 141-146. 1885.

EPONYMY: *Niederleinia* Hieronymus (1879).

6814. Ministère des Colonies – Office colonial. *Ressources végétales des Colonies françaises* représentées dans les collections de l'"Office colonial" du Ministère des Colonies (Ancienne exposition permanente des colonies augmentée des produits provenant de l'exposition Universelle de Paris en 1900) rétablies, classées et remaniées d'après l'Index kewensis et Engler et Prantl "Die natürlichen Pflanzenfamilien" ... Paris (Imprimerie Paul Dupont ...) 1902. Qu. (*Ressourc. vég. colon. franç.*).
Publ.: Jun-Sep 1902 (p. [iii]: 11 Mai 1902; ÖbZ Jul 1902; NY copy rd Aug 1902; Bot. Zeit. 1 Oct 1902; Nat. Nov. Nov(2) 1902), p. [i*-ii*], map, [iii*], [i]-xvi, 1-160. *Copies*: FI, G, USDA.

Niel, Pierre Eugène (1836-1905), French banker, philanthropist and amateur botanist at Rouen. (*Niel*).

HERBARIUM and TYPES: Unknown. – Contributed specimens to C. Roumeguère, *Fungi exsiccati praecipue gallici* (e.g. to cent. 60-69).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 4; BL 2: 147, 695; CSP 17: 525-526; GR p. 342; Kelly p. 161; LS 18937-18945 (see also errata), 37404-37411; Rehder 2: 279; Tucker 1: 520.
Anon., Bot. Not. 1906: 45 (d.); Bull. Acad. int. Géogr. bot. 9: 12. 1900, 11: 9. 1902, 13: 9. 1904, 15: xiii. 1905 (d.); Bull. Soc. bot. France 52: 369. 1905 (d.).
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Gadeau de Kerville, H., Bull. Soc. Amis Sci. nat., Rouen ser.5. 1905: 471-485. 1906.
Letacq, A. L., Bull. Soc. Amis Sci. nat., Rouen ser.5. 42: 124-125. 1907 (biogr., b. 26 Oct 1836, d. 17 Mai 1905; further biogr. refs.); Inv. pl. crypt. vasc. Orne 264-265. 1906.

6815. *Catalogue des plantes phanérogames vasculaires* et cryptogames semi-vasculaires croissant spontanément dans le département *de l'Eure,* par Eugène Niel, ... Rouen (Ch. Métérie, A. Lestringant, ...) Paris (Librairie ... Jacques Lechevalier, ...) Évreux (Bardel, ...) 1889. Oct.
Publ.: Jun 1889 (Nat. Nov. Aug(2) 1889; Bot. Centralbl. 28 Aug 1889; BSbF 12 Jul 1889; J. Bot. Sep 1889; Bot. Zeit. 27 Sep 1889), p. [1]-138. *Copy*: G. – Reprinted from Bull. Soc. Amis Sci. nat. Rouen ser. 3. 24: 225-346. 1888 (sem.2) (i.e. 1889). To be cited from journal. See BL 2: 147 for further literature.

Nielsen, Peter (1829-1897), Danish botanist, school master at Ørslev 1859-1888; in charge of the state experiments in plant culture 1877-1898; government consulting agriculturist from 1885. (*P. Nielsen*).

HERBARIUM and TYPES: C; further material at DBN, L and MANCH. *Exsiccatsammlung af Characeer navnlig fra Danmark,* nos. 1-63, after 1868, sets at B, C, FH, LD, UPS. (publ. after 1868).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 4; BL 2: 56, 695; Bossert p. 286; CSP 8: 506, 10: 925-926; Frank 3(Anh.): 71; IH 2: (in press); LS 18948-18950; Morren ed. 10, p. 49; Rehder 5: 620; Stevenson p. 1252; Urban-Berl. p. 272.
Candolle, A. P. de, Phytographie 436. 1880 (coll. C).
Christensen, C., Danske bot. hist. 1: 449, 711-717, 737-740, 2: 412-416. 1926. (bibl., various

necrologies); Danske bot. litt. 1880-1911: 46-47. 1913, 1912-1939: 2. 1940 (biogr. ref., b. 28 Jul 1829, d. 30 Sep 1897, portr.).
Lind, J., Danish fungi herbarium E. Rostrup 35. 1913.
Sayre, G., Mem. New York Bot. Gard. 19(1): 90. 1969.
Warming, E., Bot. Tidsskr. 12: 221-223. 1881.
Wittrock, V. B., Acta Horti Berg. 3(2): 103. 1903.
Wood, R. D., Monogr. Charac. 1: 789. 1965.

EPONYMY: *Nielsenia* H. Sydow (1921).

Nienburg, Karl Ortgies Wilhelm (1882-1932), German botanist; Dr. phil. Berlin 1907; 1907-1920 in Berlin; curator at the Helgoland biological station 1921; from 1923 professor of botany at Kiel University. (*Nienb.*).

HERBARIUM and TYPES: Some *Fucus* at B.

BIBLIOGRAPHY and BIOGRAPHY: BJI 2: 124; BM 7: 926; Bossert p. 287; GR p. 117-118, *pl.* [*20*]; Hirsch p. 214; IH 2: (in press); Kew 4: 145; LS 37415, suppl. 20079-20085; Moebius p. 87, 111, 113, 335; TL-2/see Kuckuck, E. H. P.
Anon., Ber. deut. bot. Ges. 50: 1. 1932 (d. 1 Jan 1932); Österr. bot. Z. 72: 123. 1923 (app. Kiel), 81: 160. 1932 (d.).
Christiansen, W. & W., Bot. Schrifttum Schl.-Holst. 318 [index]. 1936 (bibl.).
Hoffmann, C., Ber. deut. bot. Ges. 51: (231)-(245). 1933 (biogr., bibl., portr., b. 1 Sep 1882, d. 1 Jan 1932).

COMPOSITE WORKS: See P. Kuckuck; Nienburg edited K's *Fragmente einer Monographie der Phaeosporeen* (1929).

EPONYMY: *Nienburgia* Kylin (1935).

6816. *Pilze und Flechten* von Dr. Wilhelm Nienburg ... Leipzig und Berlin (Verlag und Druck von B. G. Teubner) 1921. Oct. (*Pilze Flecht.*).
Publ.: 1921 (p. [3]: 1 Mar 1920; ÖbZ Nov-Dec 1921; Nat. Nov. Dec 1921), p. [1]-120. *Copies*: BR, FH. – Aus Natur und Geisteswelt, 675. Band, Pflanzenkunde.
Ref.: Engler, A., Bot. Jahrb. 57(Lit.): 72. Sep 1922.

6817. *Anatomie der Flechten* ... Berlin (Verlag von Gebrüder Borntraeger ...) 1926. Oct. (*Anat. Flecht.*).
Publ.: Aug-Dec 1926 (pref.: Jul 1926; Nat. Nov. Jan 1927), p. [i-iv], [1]-137. *Copy*: FH. – Handbuch der Pflanzenanatomie, ed. K. Lindsbauer, ii. Abt. l. Teil: Thallophyten, Band vi. (Lief. 17).

Niessen, Joseph (1864-?), German botanist; high school teacher in the German Rheinland. (*Niessen*).

HERBARIUM and TYPES: Unknown. – Published, with Anders Yngve Grevillius (1864-?) sets of galls: *Zoocecidea et Cecidiozoa imprimis provinciae rhenanae*, Sammlung von Tiergallen und Gallentieren insbesondere aus dem Rheinlande, Cöln, 1906-1908, 1910, 1912, 6 Lieferungen of 25 nos. each. Set at S. (see KR p. 246).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 5; BFM 3211; KR p. 246; LS 18951, 37416.

NOTE: Niessen published "670 *Pflanzenetiketten.* Mit praktischen Rathschlägen zur Anlage eines Herbariums." A. Mettman, Frickenhaus (4 p., 21 perforated lvs.), 1894, 1895, 1906, 1907, 1909.

6818. *Führer in die Pilzkunde.* Eine Beschreibung der in der Rheinprovinz und den angrenzenden Gebieten am häufigsten vorkommenden essbaren und giftigen Pilze oder Schwämme. Für Schul und Haus, bearbeitet von Jos. Niessen, ... Mit einer Einleitung von Dr. Karl Ruland, ... Düsseldorf (Druck und Verlag von L. Schwann) 1890. Oct. (*Führ. Pilzk.*).

Publ.: 1890 (Bot. Centralbl. 5 Nov 1890; ÖbZ Nov 1890; Bot. Zeit. 28 Nov 1890; Bot. Jahrb. 7 Jul 1891), p. [1]-64, *pl. 1-16* (col.). *Copy*: B.
Ref.: Möbius, M., Bot. Centralbl. 46: 227-228. 1891.

Niessl von Mayendorf, Gustav (1839-1919), Austrian naturalist and botanist; 1857-1865 geometrist at Wien; from 1865-1906 professor of geodesy and astronomy at the University of Brno (Brünn); from 1906 again in Wien. (*Niessl*).

HERBARIUM and TYPES: Main original collections at M (Austrian coll., incl. fungi) and BRNU; further material at A, B, C, CUP, E, F, G, H, MW, U (musci), WRSL.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 722, 12(1): 277; Backer p. 396; Barnhart 3: 5; BM 3: 1435; Bossert p. 287; CSP 4: 623, 8: 507-508, 10: 926-927, 12: 538, 17: 528; DTS 1: 212; Frank 3(Anh.): 71; GR p. 436, cat. p. 68; Hawksworth p. 184; Herder p. 243, 270; IH 2: (in press); Jackson p. 163-164, 172; Kanitz no. 249; Kelly p. 161; Kew 4: 145; Klásterský p. 135; Krempelh. 1: 571; LS 18952-18988; Rehder 3: 677; Stevenson p. 1252; Urban-Berl. p. 280, 309.
Anon., Hedwigia 63(Beibl.): 97. 1921 (d. 1 Sep 1919).
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 114. 1970.
Höhnel, F. von, Ber. deut. bot. Ges. 36: 468. 30 Jan 1919 (epon.).
Iltis, H., Verh. naturf. Ver. Brünn 50: 300-301, photogr. 1912 (the photograph shows N. with J. Nave, A. Makowsky and J. Kalmus); Life of Mendel ed. 2. 330 [index]. 1966.
Lindemann, E. v., Bull. Soc. imp. Natural. Moscou 61: 50. 1886.
Oborny, A., Verh. naturf. Ver. Brünn 21(2): 17, 23, 24. 1882 (bibl.).
Poetsch, J. S. & K. B. Schiedermayr, Syst. Aufz. samenl. Pfl. xv-xvi. 1872.
Poggendorff, J. C., Biogr.-lit. Handw.-Buch 3: 971-972. 1898 (b. 26 Jan 1839, 4(2): 1074-1075. 1904, 5(2): 906. 1926 (d. 1 Sep 1919), 6(3): 1856. 1938 (bibl.).
Spegazzini, C., Anal. Soc. Ci. Argent. 9 (in tabula). 1880 (epon.).

EPONYMY: *Niesslella* Spegazzini (1880); *Niesslella* F. von Höhnel (1919); *Niesslia* Auerswald (1869).

6819. *Vorarbeiten zu einer Kryptogamenflora von Mähren und Österr. Schlesien.* ii. *Pilze und Myxomyceten.* (Erste Folge) Bearbeitet von G. v. Niessl ... Brünn (Aus Georg Gastl's Buchdruckerei ...) 1865. Oct.
Publ.: 1865 (p. 136: specimen collected 1 Mai 1865; ÖbZ 1 Nov 1865), p. [1]-136, *pl. 2* (uncol.). *Copies*: FH, H. – Reprinted from Verh. naturf. Ver. Brünn 3: 60 [=reprint p. 3]-193. 1865. To be cited from journal. Niessl published a third part "Höhere Sporenpflanzen" ib. 4: 34-37; 42-52. 1865. The first part of this series has not been traced by us.
Ref.: Hoffmann, Bot. Zeit. 24: 71-72. 2 Mar 1866.

6820. *Beiträge zur Kenntniss der Pilze.* Beschreibung neuer und wenig bekannter Pilze ... Brünn (Druck von W. Burkart. – Verlag des Vereines.) 1872. Oct.
Publ.: 1872 (Hedwigia rev. Aug 1873), p. [1]-67, *pl. 3-7* (uncol.). *Copies*: FH, FI, H, NY. – Reprinted from Verh. naturf. Ver. Brünn 10: 153 [=p. 3 reprint]-217, *pl. 3-7*. 1872. To be cited from journal.
Ref.: Bary, A. de, Bot. Zeit. 30: 801-802. 8 Nov 1872.

6821. *Notizen über neue und kritische Pyrenomyceten* ... Brünn (Druck von W. Burkart in Brünn. – Verlag des Vereines.) 1876. Oct.
Publ.: Jan-Aug 1876 (Bot. Zeit. 20 Oct 1876; Hedwigia Sep 1876), p. [1]-58, *pl. 4* (uncol.). *Copies*: FH, H, NY. – Reprinted from Verh. naturf. Ver. Brünn 14: 156 [= p. 3 reprint]-218, *pl. 4*. To be cited from journal.

Niethammer, Anneliese (1901-x), German microbiologist and biological technologist; Dr. rer. nat. Praha 1925; from 1926-1932 assistant at the Technical University of Praha; habil. id. 1928, professor's title 1941; from 1948 professor at the Technical University of Stuttgart. (*Niethammer*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 5; BFM 2731, 2938; IH 2: (in press); Kew 4: 145; LS suppl. 20088-20093; Moebius p. 454; Plesch p. 348.
Poggendorff, J. C., Biogr.-lit. Handw.-Buch 3: 1858-1859, 1938, 7a(3): 429. 1959 (b. 11 Mai 1901, Berlin-Charlottenburg).

6822. *Die mikroskopischen Boden-Pilze* ihr Leben, ihre Verbreitung sowie ihre oeconomische und pathogene Bedeutung . . . 's Gravenhage (Uitgeverij Dr. W. Junk) 1937. Oct. (*Mikrosk. Boden-Pilze*).
Publ.: Aug-Dec 1937 (p. [iii]: Jul 1937; Nat. Nov. Mar 1938), [i]-vi, [1]-193, *pl. 1-6. Copies*: BR, FH, USDA.

Nieuwland, Julius [Aloysius] **Arthur,** C. S. C. (1878-1936), Belgian-born American botanist, chemist and roman catholic priest; studied at Notre Dame and Catholic University (Washington), (Dr. phil. 1904); ordained 1903 (congr. Holy Cross), Dr. Sci. Notre Dame 1911; teaching at that University from 1904-1920. (*Nieuwl.*).

HERBARIUM and TYPES: ND (Nieuwland herbarium); further material at MO, MT, NY, US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 5; Bossert p. 287; Hawksworth p. 184; Hortus 3: 1200 ("Nieuwl."); IF suppl. 1: 84, 2: 38; IH 2: (in press); Kew 4: 146; Langman p. 541; LS 37422-37425, suppl. 20094; MW p. 356; NW p. 54; Pennell p. 615; PH 450, 567; SBC p. 128; SO 496b; Tucker 1: 520; Zander ed. 10, p. 697, ed. 11, p. 795.
Anon., Amer. men sci. ed.2: 346. 1910, ed.3: 508. 1921, ed.5: 827. 1933; Amer. Midl. Natural. 17(4): ii-x. 1936 (bibl., portr.); Fern J. 26(3): 110. 29 Oct 1936.
Calcott, W. S. & M. W. Lyon, Julius Arthur Nieuwland priest, botanist. Two addresses . . . Notre Dame, Ind. 1937.
Crovello, T. J., Amer. Midl. Natural. 100(2): 257-260. 1978 (portr., vol. dedicated to N on centenary of his birth; b. 14 Feb, d. 11 Jun 1934).
Deam, C. C., Fl. Indiana 9, 1118. 1910.
Just, T., Proc. Indiana Acad. Sci. 55: 147-153. 1945 (hist. biol. ND).
Keefe, Biologist 48(3/4): 59. 1966.
Lyon, M. W., Jr., Science ser.2. 84: 78. 1936 (obit.).
McIntosh, R. P., Proc. Indiana Acad. Sci. 71: 235-238. 1962 (on Greene-Nieuwland herb. at NI).
Markle, M. S., Proc. Indiana Acad. Sci. 76: 148. 1967.
Poggendorff, J. C., Biogr.-lit. Handw.-Buch 6(3): 1859-1860. 1938.
Sayre, G., Bryologist 80: 514. 1977.
Sylvester, H., Biologist 28(1): 27-33. 1936 (reprint of article in Jan 1932 issue of "Columbia").
Further biogr. refs. see B. Joseph, ed., Biogr. Index 2: 721. 1953, 3: 702. 1956, 4: 616. 1960, 9: 519. 1974, 33(2): 49. 1979, 33(4): 58. 1979.

NAME: Aloysius was a name taken at confirmation but never used by N; Julius was his baptismal name; Arthur his preferred name (see Barnhart 3: 5). – C. S. C. stands for Congregation of the Holy Cross.

COMPOSITE WORKS: (1) Founded the *American Midland Naturalist* and was editor of vols. 1 ["Midland Naturalist"], 2 [Amer. Midl. Natural.]-15, 1909-1934.

MEMORIAL VOLUME: Amer. Midl. Natural. 100(2), Oct 1978.

Nilson, Birger (from 1909 Kajanus, Birger) (1882-1931), Swedish botanist; Dr. phil. Lund 1913. (*Nilson*).

HERBARIUM and TYPES: LD; further material at E and WA.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 6; BJI 2: 87; BM 3: 1437, 7: 547 (Kajanus); Bossert p. 203 (Kajanus, b. 20 Nov 1882, d. 5 Aug 1931); GR p. 476-477; IH 2: (in press); KR p. 334-336 (sub Kajanus); LS 18993-18995, 37429-37430; Moebius p. 111.

Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 114. 1970 (dupl.E).

EPONYMY: *Nilsonia* [sic] A. T. Brongniart (1825) honors Sven Nilsson (1787-1883), Swedish zoologist and paleontologist, as well as the following based upon *Nilsonia*; *Nilssonia* J. Morris (1841, *orth. var.*); *Nilssoniocladus* T. Kimura et S. Sekido (1975) and *Nilssoniopteris* A. G. Nathorst (1909).

6823. *Die Flechtenvegetation des Sarekgebirges* ... Stockholm (C. E. Fritzes ...), Berlin (R. Friedländer & Sohn) 1907. Oct. (*Flechtenveg. Sarekgeb.*).
Publ.: 1907 (p. 70: printed 20 Feb 1907; Nat. Nov. Jun(2) 1907), p. [1]-70, *pl. 1-9*. *Copies*: FH, G, H, Stevenson. – Issued as part 1 of Hamberg, A., ed., Naturw. Unters. Sarekgeb. Schwedisch-Lappland, 3. Botanik, Lief. 1, p. [1]-70, *pl. 1-9*. 1907.

Nilsson, Gunnar Bror Fritiof (from 1932: Nilsson-Degelius, G. B. F., from 1933 Degelius, G. B. F.) (1903-x), Swedish botanist; Dr. phil. Uppsala 1935; physiologist and lichenologist at the plant physiological institute of Uppsala University. (*G. Nilsson, Degel.*).

HERBARIUM and TYPES: UPSV; further material at C, GB and W. – Specimens later labelled Degelius.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 434, 3: 6; BJI 2: 124; BL 2: 522, 552, 695; BM 7: 928; GR p. 472-473; IH 2: 156; LS suppl. 20106-20111; Roon p. 32-33; TL-2/Degelius.
Anon., Rev. bryol. lichénol. 5: 155-157. 1933; Generalregister Bot. Not. 60. 1939.
Gyelnik, V. K., Ann. Hist. nat. Mus. natl. Hung. Bot. 31: 54. 1938. (lichens private).

Nilsson, Lars Albert (called himself Albert) (1860-1906), Swedish botanist; Dr. phil. Uppsala 1888; curator of the Brazilian collections at S 1889-1890; lecturer at the Stockholm Skogsinstitut (forestry institute) 1890-1906. (*A. Nilsson*).

HERBARIUM and TYPES: Types of Xyridaceae at S; some fungi at C.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 6; BJI 1: 43; BM 3: 1437, 7: 928; Bossert p. 287; CSP 17: 538; Kew 4: 148; Langman p. 541; KR p. 540-541; LS 18996; Quenstedt p. 315; Rehder 5: 621; Tucker 1: 520.
Anon., Bot. Not. 1888: 46 (lecturer Uppsala), 1890: 157 (rd. Stockholm), 1906: 93 (obit., b. 8 Aug 1860, d. 5 Mar 1906); Nat. Nov. 10: 104. 1888 (lecturer Uppsala); 28: 254, 304 1906 (d.).
Christensen, C., Danske bot. hist. 2: 477, 516. 1925.
Fries, R. E., Short hist. bot. Sweden 73. 1950.
Hesselman, H., Skogsvårdsföreningens Tidskr. 1907: 97-100 (portr., bibl.); Sv. bot. Tidskr. 1: 116-119. 1907 (obit., bibl., portr.)
H. M., Förh. Geol. Fören. Stockholm 28: 178-180. 1906 (obit.).
Palmén, J. A., Medd. Soc. Fauna Fl. fenn. 32: 146. 1906 (obit. not.).
Wittrock, V. B., Acta Horti Berg. 3(2): 64. *pl.14*. 1903 (err. "Nilson") (portr.).

6824. *Studien über die Xyridaeen* ... Stockholm (Kungl. Boktryckeriet P. A. Norstedt & Söner) 1892. Qu. (*Stud. Xyrid.*).
Publ.: 1892 (t.p.; mss. submitted 11 Nov 1891; LC rd. 28 Oct 1893; Bot. Zeit. 1 Aug 1893), p. [1]-75, *pl. 1-6* (uncol., by A. Ekblom). *Copies*: BR, G, US. – K. Sv. Vet.-Akad. Handl. 24(14), 1892.

Nilsson, Nils Hjalmar (1856-1925), Swedish botanist; Dr. phil. Lund 1886; lecturer (1886) and professor (1902) of botany at Lund; from 1889 connected with Svalöv experiment station. (*N. Nilsson*).

HERBARIUM and TYPES: LD and UPS; further material at B, BM, BP, C, CORD, GB, GE, L.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 754; BM 3: 1437, 7: 928; CSP 10: 930, 17: 538; Herder p. 11; IH 2: (in press); Kew 4: 149; KR p. 541-542; Morren ed. 10, p. 105; Rehder 2: 652; Saelan p. 562; SO 3111; TL-2/2426; Tucker 1: 520.

Anon., Bot. Centralbl. 26: 320. 1886 (lecturer Lund); Bot. Jahrb. 7 (Beibl. 15): 3. 1886; Bot. Not. 1883: 30 (trip Spain), 1886: 40 (lecturer Lund); Hedwigia 66(2): (119). 1926 (d. 15 Apr 1925).
Hasslow, O. J., Bot. Not. 1933: 53, 58, 59, 65, 69, 71, 76, 77, 82 (excursions Lund Bot. Soc.).
Müntzing, A., in R. E. Fries, Short hist. bot. Sweden 105. 1950.
Witte, H., Sv. bot. Tidskr. 20(1): 72-76. 1926 (obit., bibl., portr., b. 29 Jan 1856, d. 25 Apr 1925; notes on his improvement program of oats).
Wittrock, V. B., Acta Horti Berg. 3(2): 64. 1903, 3(3): 47. *pl. 114.* 1905.

COMPOSITE WORKS: Contributed to Hartman, C. J., *Handb. Skand. fl.*, ed. 12 (by T.O.B.N. Krok), 1889.

Ninck, André (1872-1950), French amateur bryologist and palaeontologist; studied at the École Polytechnique, Paris; later Inspecteur-général des Ponts-et-Chaussées. (*Ninck*).

HERBARIUM and TYPES: PC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 6; IH 2: (in press).
Anon., Bull. Acad. int. Géogr. bot. 12: 553. 1903, 13: 13. 1904, 19: 13. 1909.
Gaume, R., Rev. bryol. lichénol. 19(3-4): 144. 1950.

Nisbet, John (1853-1914), Scottish forestry botanist; in the Indian Forestry Service (1875), conservator of forests Burma (1895-1900); professor of forestry at West of Scotland Agricultural College (1908-1912). (*Nisbet*).

HERBARIUM and TYPES: K.

BIBLIOGRAPHY and BIOGRAPHY: BB p. 230; BL 2: 296, 696; BM 3: 1438; CSP 10: 931, 17: 540; IH 2: (in press); Kew 4: 150; LS 37435; Rehder 5: 621; Tucker 1: 520-521.
Anon., Gard. Chron. 57: 50. 1915 (obit.); Indian Forester 1915: 9596, 134-136; Who was who 1897-1916: 527.
Jackson, B. D., Bull. misc. Inf. Kew 1901: 49 (pl.K).

6825. *British forest trees* and their sylvicultural characteristics and treatment ... London, New York (Macmillan and Co.) 1893. Oct. (*Brit. forest trees*).
Publ.: Jan-Mai 1893 (p. xiv: 8 Dec 1892; Nat. Nov. Jun(2) 1893; Bot. Centralbl. 28 Jun 1893; Bot. Zeit. 1 Oct 1893; J. Bot. Aug 1893), p. [i]-xvi, [1]-352. *Copies*: BR, MO.
Ref.: Boulger, G. S., J. Bot. 31: 253-254. Aug 1893.

Nissole, Guillaume [Nissolle] (1647-1735), French botanist and physician at Montpellier. (*Nissole*).

HERBARIUM and TYPES: BM-SL; perhaps also at OXF (not found by Clokie).

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 982; Barnhart 3: 7; Bossert p. 287; Clokie p. 218; Dryander 3: 34, 241, 301, 325; Frank 3(Anh.): 72; IH 2: (in press); Kew 4: 151; PR (alph.); Rehder 5: 621; Tucker 1: 521.
Dandy, J. E., The Sloane herbarium 172. 1958.
Flahault, C., Univ. Montpellier, Inst. Bot. 35. 1890.
Jacquin, N. J., Enum. pl. Carib. 7, 27. 1760 (epon.).
Stafleu, F. A., Intr. Jussieu Gen. Pl. xlii, 1964; Linnaeus and the Linnaeans 267. 1971.

HANDWRITING: Dandy, J. E., The Sloane herbarium 1958, facsimile no. 86.

EPONYMY: *Nissolia* N. J. Jacquin (1760, *nom. cons.*), *Nissolia* P. Miller (1754, *nom. rej.*) and *Nissolius* Medikus (1787, *nom. rej.*) were probably named for Nissole.

Nitsche, Walter (1883-?), German agricultural botanist at Breslau (Wroclaw). (*Nitsche*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Hortus 3: 1200 ("Nitsche"); Kew 4: 151; MW p. 357; Tucker 1: 521.

6826. *Beiträge zur Kenntniss der Gattung Daphne.* Inaugural-Dissertation welche nebst den beigefügten Thesen mit Genehmigung der hohen philosophischen Fakultät der Königlichen Universität Breslau zur Erlangung der philosophischen Doktorwürde am Montag, den 24. Juni 1907, vormittags 12 Uhr in der Aula Leopoldina der Universität öffentlich verteidigen wird Walter Nitsche, assistent an der agrikultur-botanischen Versuchs- und Samenkontroll-Station ... Breslau (Druck von Adolf Stengel, ...) 1907. Oct. (*Beitr. Daphne*).
Publ.: 24 Jun 1907, p. [i-iii], [1]-34, [1-2, curr. vitae]. *Copy*: G.

Nitschke, Theodor Rudolf Joseph (1834-1883), German mycologist; Dr. phil. Breslau 1858; habil. Münster 1860; from 1867 professor of botany at the University of Münster. (*Nitschke*).

HERBARIUM and TYPES: B (extant); further material at B, DAOM, H, MICH, MSTR.

BIBLIOGRAPHY and BIOGRAPHY: ADB 23: 707; Barnhart 3: 8; BM 3: 1438; Bossert p. 288; CSP 4: 626, 8: 509, 12: 539; Frank 3(Anh.): 72; GR p. 35, cat. p. 69; Hawksworth p. 184, 196; Herder p. 244; IH 1(ed. 6): 362, 2: (in press); Jackson p. 172, 297; Kew 4: 151; LS 19011-19014; Morren ed. 2, p. 8; PR 6703-6706; SBC p. 128; Stevenson p. 1252.
Anon., Bot. Centralbl. 16: 127. 1883 (d. 30 Aug 1883); Bot. Gaz. 9(2): 30. 1884; Bot. Not. 1884: 39(d.); Bot. Zeit. 41: 741. 1883; Flora 66: 450. 1883; Österr. bot. Z. 33: 379. 1883 (d.); Rev. de Bot. 2: 310. 1884 (d.)
Gerhardt, E. & B. Hein, Willdenowia 9: 313-329. 1979 (nom. types N. in fungi herb. B).
Kanitz, A., Magy. Noven. Lap. 7: 158-159. 1883 (obit., bibl.).
Landois, H., Jahresber. Westfäl. Prov.-Ver. Wiss. Kunst 12: xxxv-xxxix. 1884 (portr.).
Lahm, G., Jahresber. Westfäl. Prov.-Ver. Wiss. Kunst 13: 84. 1885.
Laundon, J. R., Lichenologist 11: 15. 1979 (lich. at MSTR?).
Lloyd, F. E., Carniv. pl. 351 [index] 1942.
Pax, F., Schlesiens Pflanzenwelt 12. 1915.

HANDWRITING: Jahresber. Westf. Prov.-Ver. Wiss. Kunst 12; frontisp., portr. with written text. 1884; Willdenowia 9(2): 329. 1979.

EPONYMY: *Acanthonitschkea* Spegazzini (1908); *Nitschkia* Otth ex P. A. Karsten (1873); *Nitschkiopsis* J. A. Mannfeldt et R. Santesson (1975).

6827. *Pyrenomycetes germanici.* Die Kernpilze Deutschlands bearbeitet von Dr. Th. Nitschke, ... Erster Band. Breslau (Verlag von Eduard Trewendt) 1867-1870, 2 Lief. Oct. † (*Pyrenomyc. germ.*).
Lief. 1: Jan 1867 (cover p. i; p. ii: 9 Nov 1866; rev. Bot. Zeit. 25 Jan 1867), cover p. [i-ii], p. [1]-160.
Lief. 2: Jan 1870 (t.p.; Hedwigia Dec 1869 "so-eben"; Bot. Zeit. Jan 1870; Flora 3 Mar 1870), p. 161-320. (Fuckel referred to *Diaporthe* in Symb. myc. 1869, possibly prepublication info.).
Copies: BR, G, FH, NY, Stevenson. – For types at B (extant) see Gerhardt & Hein (1979).
Ref.: De Bary, A., Bot. Zeit. 25: 28. 25 Jan 1867, 28: 78. 4 Feb 1870.
Anon., Bull. Soc. bot. France 14(bibl.): 151. 1867, 18(bibl.): 162. 1872.
Heufler, L., Österr. bot. Z. 17: 187-190. 1867, 20: 58-59. 1870 (rev.).

Nitzsch, Christian Ludwig (1782-1837), German zoologist and algologist; from 1815 professor of natural history at Halle. (*Nitzsch*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 8; BM 3: 1438; De Toni 1: xci, 2: lxxxvi; Herder p. 253; Jackson p. 158; Kew 4: 151; Moebius p. 77; Nordstedt p. 24; PR ed. 1: 7511.
Hess, W., ADB 23: 718. 1886 (b. 3 Sep 1782, d. 16 Aug 1837; bibl.).

Müller, R. H. W. & R. Zaunick, Friedrich Traugott Kützing 76, 78, 83, 84, 97, 290. 1960.
VanLandingham, S., Cat. Diat. 6: 3573. 1978, 7: 4208. 1978.

EPONYMY: *Nitzschia* Hassall (1845, *nom cons.*); *Nitzschiella* Rabenhorst (1864); *Nitzschiopsidea* J. Grüss (1928); *Pseudo-nitzschia* H. Peragallo (1900).

6828. *Beitrag zur Infusorienkunde* oder Naturbeschreibung der Zerkarien und Bazillarien, . . . Halle (bei Johann Christian Hendel) 1817. Oct. (*Beitr. Infusorienk.*).
Publ.: 1817 (p. viii: Nov 1816), p. [iii]-viii, [1]-128, *pl. 1-6* (partly col. copp., auct.). *Copies*: FH, NY, PH. – Issued as Neue Schr. naturf. Ges. Halle 3(1). 1817.

Niven, [David] **James** (1774-1826), Scottish gardener at Edinburgh and Syon House, Middlesex; collected in South Africa 1798-1812. (*Niven*).

HERBARIUM and TYPES: Main collection at BM; duplicates in DBN, FI, MANCH, MO, PH, SAM. – Mss. on *Erica* at K.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 536; Barnhart 3: 8; BB p. 230; IH 2:(in press); Kew 4: 151; Lasègue p. 447.
Britten, J., J. Linn. Soc. Bot. 45: 45. 1920.
Brown, R., Trans. Linn. Soc. 10: 46, 134. 1810.
Coats, A. M., Plant hunters 260-261. 1969.
Garside, S., J. S. Afr. Bot. 8: 217. 1942, 26: 12. 1960.
Mears, J. A., Taxon 25: 327-328. 1976 (131 specimens at PH).
Miller, H. S., Taxon 19: 534. 1970.
Murray, G., Hist. coll. BM(NH) 1: 170. 1904.

EPONYMY: *Nivenia* R. Brown (1810); *Nivenia* Ventenat (1808.)

Noack, Martin (1888-1927), German botanist at the Biologische Reichsanstalt, Berlin-Dahlem. (*Noack*).

HERBARIUM and TYPES: Some material at C.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 8; BFM 1156; Hirsch p. 215; IH 2: (in press); Kew 4: 152; LS suppl. 20161.
Kneucker, A., Allg. bot. Z. 33: 64(288). 1928 (d. 14 Feb 1927).

6829. *Über die seltenen nordischen Pflanzen in den Alpen* eine florengeschichtliche Studie. Inaugural-Dissertation zur Erlangung der philosophischen Doktorwürde vorgelegt der Philosophischen Fakultät ii der Universität Zürich . . . Berlin 1922. Oct. (*Nord. Pfl. Alp.*).
Publ.: 1922 (Nat. Nov. Dec 1924; ÖbZ Oct 1922-Feb 1923), p. [i]-vi, [1]-280, [1, vita]. *Copies*: BR, G, NY. – Mitt. Bot. Mus. Zürich xcv.
Ref.: Mattfeld, J., Bot. Jahrb. 58(Lit.): 90. 1923.

Nocca, Domenico (1758-1841), Italian clergyman (ordinis praedicat.) and botanist; professor of botany and director of the botanic garden at Pavia. (*Nocca*).

HERBARIUM and TYPES: PAD and PAV; further material at BASSA.

NAME: Nocca sometimes used the pseudonym Colombano Giardiniere.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 9; BL 2: 369, 696; BM 3: 1439; CSP 4: 631; Dryander 3: 4, 12, 39, 110; GR p. 536; Hegi 4(1): 132; Herder p. 155, 179; Hortus 3: 1200 ("Nocca"); IH 2: (in press); Jackson p. 21, 320, 436; Kew 4: 153-154; Krempelh. 1: 506, 571; Lasègue p. 342; LS 19051-19054; NI 1448; PR 6708-6724 (ed. 1: 7514-7544); Rehder 5: 622; Saccardo 1: 118, 2: 78, cron. p. xxvlii; SO 773, add. 802k; Tucker 1: 521.
Anon., Bonplandia 3: 33. 1855 (cogn. Leopoldina: Philagrius).
Gager, C. S., Brooklyn Bot. Gard. Rec. 27(3): 280. 1938 (dir. bot. gard. Pavia 1788 (acting), 1796-1826.).

Hoppe, D. H., Flora 3(1). Beil. 1/2: 18-19. 1820 (bibl.).
Pollaci, G., Atti Ist. bot. G. Briosi, Pavia ser.4. 8: iii-v. 1936 (biogr., bibl., b. 2 Oct 1758, d. 22 Jun 1841).
Pritzel, G., Linnaea 19: 459. 1846.
Sayre, G., Bryologist 80: 514. 1977.
Voigt, A., Bot. Inst. Hamb. 16. 1897.

HANDWRITING: Candollea 32: 193-194. 1977.

EPONYMY: *Nocca* Cavanilles (1795); *Noccaea* Moench (1802); *Noccaea* Willdenow (1803, *orth. var.* of *Nocca* Cavanilles).

6830. Dominici Nocca . . . *in botanices commendationem oratio*. Sermone italico ab ipso habita, in Mantuano scientiarum & artium theatro. Decimo nono calendus januarias, anni mdccxci. Turici [Torino] 1793. Oct. (*Bot. comm. orat.*).
Publ.: 1793, p. [i], [1]-32. *Copy*: B-S. – Photocopy: FAS.

6831. *Ticinensis horti academici plantae selectae* quas descriptionibus illustravit, observationibus auxit, coloribus ad naturam prope reddidit Dominicus Nocca. Fasciculus primus. Ticini [Pavia] (ex Typographia haered. Petri Galeatii . . .) 1800. Fol. (*Ticin. hort. pl.*).
Publ.: 1800, p. [i-v], 1-52, [1, err.], *pl. 1-6* (uncol. or col. copp. auct.). *Copies*: FI (col. pl.), G (uncol. pl.).

6832. *Istituzioni di botanica practica* a comodo di quelli, che si applicano alle scienze mediche . . . [Pavia] (per gli Eredi di Pietro Galeazzi . . .) 1801. Oct. (*Ist. bot. prat.*).
Publ.: 1801, p. [1]-372, [1]. *Copy*: NY. – For a later version see below, 1808, *Inst.* [sic]. *bot. prat.*

6833. *Elementi di botanicá* di Domenico Nocca . . . Pavia (per gli Eredi di Pietro Galeazzi). 1801. Oct. (*Elem. bot.*).
Ed. 1: 1801, p. [1]-189, *pl. 1-5* (uncol. copp. auct.). *Copy*: B-S.
Ed. 2: 1805, p. [1]-173, *pl. 1-5* (uncol. copp. auct.). *Copy*: G. – "*Elementi di botanica* . . . seconda edizione corretta ed accresciuta. Con varie tavole, che illustrano il sistema linneano, disegnate dall' autore. In Pavia 1805. Per gli Eredi di Pietro Galeazzi." Oct.

6834. *Synopsis plantarum horti botanici ticinensis* anno mdccciii. Papiae [Pavia] (ex Thypografia [sic] Bolzani) [1893]. Oct. (in fours). (*Syn. pl. hort. ticin.*).
Publ.: 1803, p. [i-ii], [1]-45. *Copy*: NY.
Appendix: 1804 (presumably; p. [6] dated 16 Dec 1803), p. [1]-16. *Copy*: NY. – "Ad horti botanici ticinensis synopsim prior appendix." s.l.n.d.

6835. *Synonimia plantarum* horti botanici ticinensis auctore Dominico Nocca . . . Papiae [Pavia] (apud Haeredes Petri Galeatii) 1804. Oct. (*Synon. pl.*).
Publ.: 1804 (available at Easter Fair 1805), p. [1]-115, [1, err.]. *Copies*: FI, G, NY.

6836. *Elementi di botanica criptogamica* di Domenico Nocca . . . parte prima. In Pavia (per gli Eredi di Pietro Galeazzi) 1805. Oct. † (*Elem. bot. cript.*).
Publ.: 1805, p. [1]-40, *pl. 1-4* (uncol. copp.). *Copies*: MO-Steere, Stevenson.

6837. Dominici Nocca . . . *Epistolae* ad multos viros doctos datae. Accedunt eiusdem inscriptiones variae. Ticini [Pavia] (ex Typographia Haered. Petri Galeatii) 1805. Oct. (*Epistolae*).
Publ.: 1805, p. [i-iv], [1]-124, [1]. *Copy*: G.

6838. *Instituzioni di botanica pratica* applicabili alla medicina, alla fisiologia, all' economia ed alle arti die Domenico Nocca . . . Pavia (Presso Giovanni Capelli) 1808-1809, 3 vols. (*Inst. bot. prat.*).
1: 1808, p. [i]-x, 1-407, [408, err.].
2: 1809, p. [i]-iv, 1-420.
3: 1809, p. [i-iv], 1-343, [344, err.].

Copies: B-S, FI (vols. 2, 3), G, M; IDC 920. – See also above Ist. bot. prat. 1801.

6839. *Illustratio usus et nominis plantarum* quae in Julii Caesaris commentariis indigitantur auctore Dominico Nocca ... Ticini [Pavia] (ex Typographia Bolzani) 1812. Qu.
Publ.: 1812, p. [1]-28. *Copies*: FI, G. – Reprinted and to be cited from Giorn. fis. 5: 209-216, 376-394. 1812 (journal publ. n.v.).

6840. *Termini botanico-cryptogamici* illustrati nec non eorumdem applicatio ad selectiora plantarum pharmaceuticarum et florae ticinensis genera et species auctore Dominico Nocca ... Ticini [Pavia] (ex typographia J. Joannis Capelli) 1812. Oct. (*Term. bot.-crypt.*).
Orig. ed.: 1812, p. [i*-ii*], [i]-xv, 3-188, [i-xxiii], *pl. 1-4* (uncol. copp.). *Copy*: Stevenson.
1814 ed.: 1814, p. [i]-xxiii, 3-188, i-xv, [xvi, err.], *pl. 1-4* (id.). *Copies*: G, USDA. – "*Termini botanici cryptogamici* ad normam recentiorum definiti nec non exemplis e classe vigesima-quarta systema linneani desumptis iconibusque ducentis et duodevicenis illustrati auctore Dominco Nocca ... Papiae [Pavia] mdcccxiv. Ex typografia J. Joannis Capelli." Oct.

6841. *Onomatologia* seu nomenclatura plantarum quae in horto medico ticinensi coluntur anno mdcccxiii. Additur synonimia nonnullarum stirpium ad errores qua in commentationibus, qua in coemtionibus distinendos accommoda. Papiae [Pavia] (ex Typographia Bolzani) [1813]. Oct. (*Onomatologia*).
Publ.: 1813, p. [i-iv], [1]-76, [1-2, index, 3, err.]. *Copy*: G.

6842. *Flora ticinensis* seu enumeratio plantarum quas in peregrinationibus multiplicibus plures per annos solertissime in Papiensi agro peractis observarunt, et collegerunt Dominicus Nocca et Joannes Baptista Balbis ... Adduntur regionis ichnographia, plantarum vel novarum vel minus cognitarum icones, stationes, inflorescentiae tempora, nonnullarum stirpium officinalium virtutes medicae recentiorum experientia natae ... Ticini [Pavia] (ex Typographia Joannis Jacobi Capelli) 1816-1821, 2 vols. Qu. (*Fl. ticin.*).
Co-author: Giovanni-Batista Balbis (1765-1831).
1: 1816, p. [i-iii], [1]-9, [1-14], i-cxxxix, 1-409, [410-413, expl. pl., 414, err.], *pl. 1-10* (uncol. copp.), 1 map.
2: 1821, p. [i*-ii*], i-xvi, [1]-393, omissa et addenda in tomo primo: 1-39, *pl. 11-19, 19*[*bis*], *20-27* id.).
Copies: FI, G, USDA.
Ref.: NI 1448.

6843. *Historia atque ichnographia horti botanici ticinensis* auctore Dominico Nocca ... Ticini regii [Pavia] (ex typographia Fusi et Soc. success. Galeatii) 1818. Qu. (*Hist. hort. bot. ticin.*).
Publ.: 1818, p. [i-viii], 1-114, [1, err.; 2, bibl. Nocca], 2 maps. *Copies*: FI, G.

6844. *Se Virgilio ha veramente descritto il limone* o Citrus Medica de' botanici nel libro secondo delle Georgiche coi versi Media fert tristes succos ... Dissertazione recitata nella grand' aula della Università da Domenico Nocca ... 1819. Qu. (*Virgil. limone*).
Publ.: 1819, p. [1]-20. *Copy*: FI.

6845. *Clavis rem herbariam* addiscendi absque praeceptore seu enchiridion ad excursiones botanicas in agro ticinensi. Ticini regii [Pavia] (ex Typ. Fusi et Socii success. Galeatii) 1823, 2 vols. Oct. (*Clav. rem herb.*).
Pars prima: 1823, p. [i-vi], [1]-157.
Pars altera: 1823, p. [i-iv], 1-272, [1-2, err.].
Copy: NY.

6845a. *Flora farmaceutica* o descrizioni delle piante indigene od esotiche, che sono prescritte in medicina, siguendo la farmacopea austriaca, e l'apparatus medicaminum del sig. Murray, coll' aggiunta della Spiegazione d'alcuni termini usati dal chiarissimo signor Sprengel nel suo systema vegetabilium, e di cinque tavole che rappresentano con facilita' le classi linneane ... Pavia (dalla Tipografia Bizzoni) 1826, 2 vols. Oct. (*Fl. farm.*).
1: 1826, p. [i]-viii, 1-317.
2: 1826, p. [i]-iv, 1-192, *pl. 1-5* (uncol. copp. auct.). *Copy*: G.

Noë, Friedrich Wilhelm (18..-1858), German botanist and pharmacist in Fiume (1831-1844); director of the botanical garden in Constantinople; participated in the boundary Commission of Turkey and Persia. (*Noë*).

HERBARIUM and TYPES: Plants from the Near East and the Balkan Peninsula in many herbaria; important set at G; plants from Dalmatia in PAD, GOET and OXF.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 380; Backer p. 397; Barnhart 3: 9; Clokie p. 218; CSP 4: 631; De Toni 2: lxxxvi; DTS 1: 212-213; Hortus 3: 1200 ("Noë"); IH 2: (in press); Kanitz no. 141; Lasègue p. 105, 296, 314; PR (alph.); Saccardo 1: 118, 2: 78; Urban-Berl. p. 267, 379; Zander ed. 10, p. 697, ed. 11 p. 795.
Anon., Bonplandia 9: 60. 1861 (d.; published *Herbarium Noëanum* [irregular set exicc.].).
Beck, G., Veg.-Verh. Illyr. Länd. 39. 1901 (Veg. Erde 4)).
Blakelock, R. A. & E. R. Guest, Fl. Iraq 1: 109, 115. 1966.
Boissier, E., Fl. Orient. 1: xvi, xx, xxiv. 1867.
Candolle, Alph. de, Phytographie 437. 1880 (pl. NCY, LE (1000), GOET, LZ).
Dilg, P. & W. Ilg, Deut. Apoth. Zeit. 118: 251. 1978 (member Regensb. bot. Ges. 1833).
Hooker, J. D., *in* W. J. Hooker, London J. Bot. 6: 50-51. 1847.
Jackson, B. D., Bull. misc. Inf. Kew 1901.: 49 (pl. K, via Hohenacker).
Gjonovic, Enum. auct. fl. Dalmat. 9. 1905.
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 114. 1970 (pl. E; recorded as received 1871).
Herder, F. v., Bot. Centralbl. 55: 266. 1893 (pl. E).
Kukkonen, I., Herb. Chr. Steven 74. 1971.
Maire, R., Progr. Conn. bot. Algérie 100. 1931.
Noë, F. W., Bot. Zeit. 1: 902. 1843, 3: 576. 1845 (coll.), 11: 733-735. 1853 (list pl. coll. 1849-1852), 19: 188-261. 1861 (coll.); Flora 16(1) Int. Bl. 17-18. 1823, 23(2) Int. Bl. 16. 1840, 26: 560. 1845, 26: 540, 588, 656, 755-756. 1843, 28: 560. 1845, 31: 118-129, 752. 1848, 36: 648. 1853 (sale coll.)
Steinberg, C. R., Webbia 32(1): 11, 33. 1977.

EPONYMY: *Noaea* Moquin-Tandon (1849); *Noea* Boissier et Balansa (1859, *orth.* var.). Note: *Noeopteris* Janssen (1940) commemorates A. C. Noé (1873-1939) who was a paleobotanist at the University of Chicago.

Noeggerath [Nöggerath], **Johann Jacob** (1788-1877), German botanist, geologist and palaeobotanist; professor of mineralogy and mining at the Rhein. Friedr.-Wilh.-Univ., Bonn. and at the agricultural college of Poppelsdorf; director of the natural history museum of Bonn. (*Noegg.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 9; BM 3: 1440; CSP 4: 633-637, 10: 934; Frank 3(Anh.): 72; Herder p. 468; Kew 4: 154; LS 2: 19055; PR 6726-6727 (ed. 1: 7546-7547); Quenstedt p. 317.
Anon., Bonplandia 3: 33. 1855, 7: 55. 1859 (cogn. Leopoldina Knorrius I; functions).
Bauerband et al., Leopoldina 13: 176. 1877 (call for memorial).
Carus, C. G. & Martius, C. F. P. von, Eine Altersfreundschaft in Briefen 33, 133, 144. 1939 (ed. G. Schmid).
Dechen, H. v., Leopoldina 13: 147-154. 1877 (obit., from Köln. Zeit. 271, 29 Sep 1877; b. 10 Oct 1788, d. 13 Sep 1877); Verh. naturh. Ver. preuss. Rheinl. 34: 79-97. 1877 (obit., portr.).
Kutscher, F., Jahrb. nass. Ver. Naturk. 104: 24-28. 1979.
Poggendorff, J. C., Biogr.-lit. Handw.-Buch 2: 292-294. 1863, 3: 975. 1898 (bibl.).

EPONYMY: *Noeggerathia* Sternberg (1821); *Noeggerathiaestrobus* O. Feistmantel (1871); *Noeggerathianthus* C. E. Weiss (1871); *Noeggerathiopsidozonaletes* A. A. Ljuber ex R. Potonié (1958); *Noeggerathiopsis* O. Feistmantel (1879); *Noeggerathiostrobus* Nemejc (1928, *orth. var.* of *Noeggerathiaestrobus* O. Feistmantel). *Note*: *Noeggerathiopsidozonotriletes* A. A. Ljuber (1955) is probably also based on the name of this author.

Noehden, Heinrich Adolph [August] (1775-1804), German botanist at Göttingen. (*Noehd.*).

HERBARIUM and TYPES: Unknown; no material at GOET (inf. G. Wagenitz).

NOTE: Noehden's brother Georg Heinrich (*G. Noehden*) (1770-1826), also born in Göttingen, settled in England 1793, L.L.D. Cantab. 1796, wrote on *Citrus* (Trans. Hort. Soc. London 3: 1-19. 1822) and contributed to Sowerby and Smith, English botany.

BIBLIOGRAPHY and BIOGRAPHY: BB p. 230 (err. "Hans Adolphus"); CSP 4: 632; Desmond p. 467 (err. "Hans Adolphus"); GR, cat. p. 69; Hawksworth p. 185; Krempelh. 1: 547, 2: 551; LS 2: 19056 PR 6728-6729 (ed. 1: 7548-7549); SBC p. 128.
Dawson, W. R., Smith papers 71. 1934.
Konig et Sims, Ann. Bot. 2: 206. 1804.
Noehden, H. A., *in* Schrader, J. Bot. 1800(1): 225-267, English translation J. Bot. 40: 319-325. 1902. ("Flüchtige Bemerkungen . . ."). (on his visits to England 1799-1800).

6846. Specimen inaugurale botanicum in quo *de argumentis contra Hedwigii theoriam de generatione muscorum* quaedam disserit Henricus Adolphus Noehden M. D. Gottingensis . . . Gottingae [Göttingen] (typis Joannis Georgii Rosenbuschii) 1797. Qu. (*Argum. contra Hedw. theor.*).
Publ.: 1797, p. [i-iii], [1]-36. *Copies*: FH(2), FI, NY.

Noel, Charles William Francis, 3rd earl of Gainsborough (1850-1926), British landowner and botanist. (*C. Noel*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 253, 696; Desmond p. 467; Kew 4: 154; TL-2/3058.
Horwood, A. R., & C. W. F. Noel, Fl. Leicestershire cclxxix-cclxxxi, 687. 1933 (portr.).

COMPOSITE WORKS: With A. R. Horwood (q.v.) *Fl. Leicestershire,* TL-2/3058.

Noël, Paul (*fl.* 1910), French mycologist and phytopathologist; director of the regional laboratory of agricultural entomology of the dept. Seine-Inférieure. (*P. Noël*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: LS 37447-37448, suppl. 20178-20185; Rehder 5: 622.
Grün, W. et al., Neu. Jahrb. Geol. 147: 300. 1974 (epon.).

EPONYMY: *Noellithina* Grün et Zweili (1974) and probably also *Noëlites* Caratini (1963) honor D. Noël, a present-day French (?) micropaleontologist.

6847. *Les champignons comestibles* du Nord de la France. Guide pratique de l'amateur indiquant la manière de distinguer les bon champignons des mauvais et la manière de les faire cuire. Dessins et aquarelles de J. Girieud. Rouen (imprimerie J. Girieud . . .) 1910. 16-mo. (*Champ. comest.*).
Publ.: 1910 (Nat. Nov. Apr(2) 1911), p. [i-vii], [1]-151, *pl. 1-8* (col.). *Copy*: BR.

Noeldeke, Johann Ludwig Carl (Karl) (1815-1898), German botanist and magistrate at Goslar 1852; at Nienburg 1857; from 1865 counsel of the court of appeals at Celle; Dr. jur. 1852. (*Noeld.*).

HERBARIUM and TYPES: BREM; other material at F, GOET and HAN.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 9; BFM 25; BJI 1: 43; BM 3: 1440; CSP 8: 512, 12: 539; De Toni 1: xci, 2: lxxxvi; GR p. 48; IH 2: (in press); Jackson p. 302; LS 19063; Morren ed. 10, p. 10; PR 10610; Quenstedt p. 486; Rehder 5: 622; Tucker 1: 521.
Anon., Bot. Jahrb. 25(Beibl.60): 54. 1898; Bot. Not. 1899: 48 (b. 11 Mai 1815, d. 22 Apr

1898); Österr. bot. Z. 48: 279. 1898 (d.); Verh. bot. Ver. Brandenburg 40: cxlvi. 1898 (d.).
Ascherson, P., Verh. bot. Ver. Brandenburg 40: vi-vii. 1898 (obit.).
Buchenau, F., Ber. deut. bot. Ges. 16: (37)-(43). 1898 (obit., bibl.), Abh. naturw. Ver. Bremen 16(2): 228-233. 1899 (id.).
Fischer-Benzon, R. J. D. v., *in* Prahl, P., Krit. Fl. Schlesw.-Holst. 2: 40. 1890.
Kneucker, A., Allg. bot. Z. 4: 136. 1898 (id.).

6848. *Flora cellensis.* Verzeichniss der in der Umgegend von Celle wildwachsenden Gefässpflanzen, Moose und Flechten . . . Celle (Schulze'sche Buchhandlung) 1871. Oct. (*Fl. cell.*).
Publ.: 1871 (p. viii: Mai 1871), p. [i]-viii, [1]-96. *Copy*: B.

6849. *Flora goettingensis.* Verzeichniss der in den Fürstenthümern Göttingen und Grubenhagen (mit Ausschluss des Harzes) und den nächst angrenzenden Gebieten vorkommenden wildwachsenden phanerogamischen und kryptogamischen Gefässpflanzen . . . Celle (Capaun-Karlowa'sche Buchhandlung, E. Spangenberg) 1886. Oct. (*Fl. Goett.*).
Publ.: Nov 1885 (p. vii: Sep 1885; Bot. Centralbl. 7-11 Dec 1885; Nat. Nov. Dec(1) 1885; Bot. Zeit. 25Dec 1885; t.p. 1886), p. [i]-ix, [x, abbr.], [1]-125, [126, err.]. *Copy*: B.
Ref.: Schumann, Bot. Zeit. 44: 678-679. 1 Oct 1866.
Roth, E., Bot. Centralbl. 25: 239-240. 1886 (rev.).

6850. *Flora des Fürstentums Lüneburg*, des Herzogtums Lauenburg und der freien Stadt Hamburg (ausschlieslich des Amtes Ritzebüttel) . . . Celle (Verlag der Capaun-Karlowa'schen Buchhandlung E. Spangenberg) [1888-]1890. Oct. (*Fl. Lüneburg*).
Publ.: in six parts, 1889-1890. *Copies*: B (2, of which one in orig. covers), G, M.
Lief. 1: Sep 1888 (Nat. Nov. Sep (1,2) 1888; Bot. Centralbl. 17-21 Sep 1888; Bot. Zeit. 28 Sep 1888; cover 1889), p. [1]-64.
Lief. 2: Jan 1889 (Nat. Nov. Jan(2) 1889; Bot. Centralbl. 5 Feb 1889; Bot. Zeit. 29 Mar 1889), p. 65-128.
Lief. 3/4: Jun 1889 (Nat. Nov. Jul(1) 1889; Bot. Centralbl. 24 Jul 1889; Bot. Zeit. 30 Aug 1889), p. 129-256.
Lief. 5: Sep 1889 (Nat. Nov. Oct(1) 1889; Bot. Centralbl. 3 Oct 1889; Bot. Zeit. 28 Mar 1890), p. 257-320.
Lief. 6: Mar 1890 (p. iv: Dec 1889; Bot. Centralbl. 12 Mar 1890; Bot. Zeit. 28 Mar 1890; Nat. Nov. Apr(1) 1890), p. [i]-iv, [v-vi], 321-412.
Ref.: Taubert, P. H. W., Bot. Jahrb. 12(Lit.): 10-11. 24 Jun 1890.
Buchenau, F., Bot. Zeit. 47: 801-802. 6 Dec 1889 (rev. Lief. 1-5), 48: 395-396. 20 Jun 1890 (Lief. 6).
Knuth, P., Bot. Centrabl. 45: 283-287. 1891.
Kornhuber, A., Österr. bot. Z. 39: 69-70. 1889.

Nördlinger, Herman [von] (1818-1897), German forestry botanist; studied at Tübingen 1838-1840; studied forestry in Hohenheim 1841, Bebenhausen 1841-1842, Stuttgart 1842 and Nancy 1842-1843; professor of forestry at Grand-Jouan, Loire-inf. 1843-1845, at Hohenheim 1845-1852; after 1855 at Hohenheim and Tübingen as administrator and professor. (*Nördl.*)

HERBARIUM and TYPES: Unknown. – N published *Querschnitte von Holzarten*, 11 vols., Stuttgart 1856-1888, 1100 plates (actually sections of wood) in boxes. Set at HH. (See e.g. C. Sanio, Bot. Centralbl. 39: 153-159. 1889, abstract vol. 11).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 10; BM 3: 1440; CSP 4: 640; Herder p. 381, 392, 432; Hortus 3: 1200 ("Noerdl."); Jackson p. 207, 299; Kew 4: 154; LS 2: 19060; Moebius p. 398; Morren ed. 10, p. 21; NI 1449; PR 6730-6731; Ratzeburg p. 379-380; Rehder 5: 622-623; Tucker 1: 521.
Anon., Bot. Centrabl. 69: 416. 1897 (d.); Bot. Jahrb. 23 (Beibl. 57): 60. 1897 (d.); Bot. Not. 1898: 45 (d.); Nat. Nov. 19: 107. 1897 (d.); Österr. bot. Z. 47: 191. 1897 (d.); Zentralbl. ges. Forstwesen 23: 137-145. 1897 (obit., bibl., portr., b. 13 Aug 1818; buried 22 Jan 1897).
Gilbert, P., Comp. biogr. lit. deceased entom. 276. 1977.

Kneucker, A., Allg. bot. Z. 3: 88. 1897 (d.).
L., Oesterr. Forst-Jagd-Zeit. 15: 100, 101. 1897 (portr.; d. 19 Jan 1897).
Poggendorff, J. C., Biogr.-Lit. Handw.-Buch 2: 294. 1863.

6851. *Deutsche Forstbotanik* oder forstlichbotanische Beschreibung aller deutschen Waldhölzer sowie der häufigeren oder interessanteren Bäume und Sträucher unserer Gärten und Parkanlagen. Für Forstleute, Physiologen und Botaniker. Mit mehreren 100 Holzschnitten gestochen von Allgaier & Siegle nach Zeichnungen von E. Süs . . . Stuttgart (Verlag der J. G. Cotta'schen Buchhandlung) 1874-1876, 2 vols. Oct. (*Deut. Forstbot.*).
1: Sep-Oct 1874 (p. iv: Aug 1874, "soeben" Bot. Zeit. 30 Oct 1874), p. [i]-xi, [1]-372.
2: 1876 ("so eben" Bot. Zeit. Jul 1875, sic! advertisement; t.p. 1876), p. [i]-xiv, [1]-490.
Copy: USDA. – Illustrations by E. Süs.

Noll, Fritz (1858-1908), German botanist; Dr. phil. Heidelberg 1883 (with Pfitzer), assistant Heidelberg 1882-1886; assistant with J. Sachs at Würzburg 1887-1889; assistant and lecturer with Strasburger at Bonn 1889-1894; lecturer and professor (1897, 1898) of botany at the agriculture college of Poppelsdorf 1894-1908; professor of botany at Halle 1907-1908; prominent plant physiologist. (*Noll*).

HERBARIUM and TYPES: Unknown.

NOTE: Not te be confused with [his father?] the Frankfurt naturalist (mainly zoologist) Friedrich Carl Noll 1832-1893 who published e.g. a short treatise on plants from the Rhine valley, and, the treatment of *Das Pflanzenreich* in Schilling, *Grundriss Naturgeschichte der drei Reiche*, ed. 14, 1884, 287 p. (Ausgabe A, Linn. Syst.) and 314 p. Ausg. B, nat. Syst.), ed. 15, 1895.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 10; BM 3: 1441; CSP 17: 554-555; De Toni 1: xci, 4: xlii; Kew 4: 155; Moebius p. 454 [index]; Morren ed. 10, p. 25; NI (alph.); Rehder 5: 624; Tucker 1: 522.
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6852. *Entwickelungsgeschichte der Veronica-Blüthe* . . . Frankfurt a.M. (in Commission bei Moritz Diesterweg) 1883. Qu.
Publ.: 1883 (t.p. reprint; Nat. Nov. Sep(2) 1883; Bot. Zeit. 30 Nov 1883), p. [i], [1]-24, *pl. 1-3* (uncol.). *Copy*: BR. – Reprinted and to be cited from Abh. Senckenb. naturf. Ges. 13(2): 223-246. 1883.

Noll, Henry R. (fl. 1852), American botanist (*H. Noll*).

HERBARIUM and TYPES: US (350).

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Wycoff, E., Bibl. Contr. Lloyd Libr. 9: 393. 1913.

6853. *Flora of Pennsylvania*, and botanist's pocket manual, comprising a glossary of botanical terms, analytical tables, and the natural orders, illustrated by a flora of Pennsylvania, which embraces descriptions of more than nine-tenths of the indigenous flowering plants of the northern United States ... Philadelphia (Lippincott, Grambo, and Company) Lewisburg (O. N. Worden, print.) 1851. Duod. (in sixes). (*Fl. Pennsylvania*).
Publ.: 1851 (p. iv: Mar 1851), p. [i]-xii, 109-120 [identical with those pages in the 1852 *Bot. Class-book*], xxv-lvi, [1]-466. *Copy*: LC. – For the greater part reissued 1852 as *Bot. Class-book*.

6854. *The botanical class-book* and flora of Pennsylvania, designed for seminaries of learning and private classes. in two parts. Part i. – Structural and physiological botany. Part ii. – Systematic botany. Comprising a brief sketch of the Linnaean and natural systems of botany; a glossary of technical terms; analytical tables, and the natural orders, illustrated by a flora of Pennsylvania, ... Lewisburg, Pa. (O. N. Worden, printer) 1852. Duod. (in sixes). (*Bot. class-book*).
Publ.: 1852 (p. iv: Jan 1851), p. [i]-vi, [7]-158, *flora*: [1]-452. *Copies*: LC, US

Nolte, Ernst Ferdinand (1791-1875), German botanist; Dr. med. Göttingen 1817; in Denmark with Hornemann 1824-1826; professor of botany at Kiel University from 1826-1873; Dr. h.c. Kiel 1867. (*Nolte*).

HERBARIUM and TYPES: KIEL (destroyed); in part also at BM; other material at B, C, FI, HAL, KIEL, MW, WRSL. *Exsiccatae*: see Hansen, L., *Herbarium der Schleswig-Holstein-Lauenburgischen Flora*, 1823-1862, identifications by Nolte. – Manuscripts at KIEL, see Prahl (1895). Further manuscripts and letters to e.g. Hornemann (213), Schouw (45), J. Vahl (12), J. Lange (3) are at C. – Library dispersed.

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Ascherson, P., Fl. Provinz Brandenb. 1: 10. 1864.
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EPONYMY: *Noltea* H. G. L. Reichenbach (1828); *Noltia* Bentham et J. D. Hooker (1862, *orth. var.*); *Noltia* [sic] Thonning (1828).

6855. *Botanische Bemerkungen über Stratiotes und Sagittaria* ... Kopenhagen [Kjøbenhavn] (Gedruckt bei Hartwig Friderich Popp) 1825. Oct. (in fours). (*Bot. Bemerk. Stratiotes*).
Publ.: 1825, p. [i-iv], [1]-44, *pl. 1-2* (uncol. copp. J. T. Bayer). *Copies*: FI, G, NY.

6856. *Novitiae florae holsaticae* sive supplementum alterum Primitiarum florae holsaticae G. H. Weberi auctore Ernesto Fernando Nolte, M.D. ... Kilonii [Kiel] (prostat in Libraria academica) 1826. Oct. (*Novit. fl. holsat.*).
Publ.: 1826 (p. xxiv: Jun 1826; Linnaea Jan 1827), p. [i]-xxiv, [1]-82. *Copies*: B, G, H, MO, NY. – For the *Primitiae florae holsaticae* see TL-1/1410-1411, under F. H. Wiggers and TL-2, under F. H. Wiggers and G. H. Weber. – The *Novitiae* were issued in Kiel but printed in Kjøbenhavn: p. 82: "Hafniae ex officina Hartv. Frid. Popp."

Nonne, Johann Philipp (1729-1772), German botanist at Erfurt. (*Nonne*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 398; BM 3: 1441; Dryander 3: 160, 396, 400; Frank 3(Anh.): 72; Hegi 5(3): 2205; Kew 4: 156; LS 37464; PR 6737-6738 (ed. 1: 7564-7566); Rehder 5: 624; SA 1: 263; TL-1/923; TL-2/1738.
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Zuchold, E. A., Jahresb. nat. Ver. Halle 5: 44. 1853.

EPONYMY: *Nonea* [sic] Medikus (1789) was probably named for him. *Nonnea* H. G. L. Reichenbach (1831, *orth. var.*).

6857. Joan. Phil. Nonne ... *Flora in territorio erfordensi indigena.* Erfordiae [Erfurt] (literis Henr. Rud. Nonnii, ...) 1763. Oct. (*Fl. terr. erford.*).
Publ.: 1763 (Fabricius, *Enum.* ed. 2, Sep-Dec 1763 cites Nonne), p. [1]-336, [i]-xxx. *Copies*: B-S; IDC 6096. – Copy offered by Junk, Cat. 214, 1979, no. 230.

6858. *Index plantarum quas in agro erfurtensi sponte provenientes* olim D. Joh. Philipp Nonne deinde D. Joh. Jacob Planer collegerunt. Gothae (apud Carol. Gulielm. Ettingerum) 1788. Oct. (*Index pl. agr. erfurt.*).
Co-author: Johann Jacob Planer (1743-1789).
Publ.: 1 Jan-5 Feb 1788 (Manitz), p. [i-iv], [1]-284, [1, err.]. *Copies*: B, G, HU, NY. Actually a follow-up by Planer of Nonne's *Flora* of 1763.

Nordenskiöld, [Nils] **Adolph Erik** [von] (1832-1901), Finnish-born Swedish explorer, geographer and geologist; e.g. leader of the Vega-Expedition (1878-1880) which discovered the Northeastern passage around N. Asia (*Nordenskiöld*).

HERBARIUM and TYPES: The plants on the Vega-Expedition were mostly collected by the other members of the Vega party (Sven Berggren, 1837-1917; Frans Reinhold Kjellmann, 1846-1907). Some bryophytes collected by N are at H; other material is at K; his plant fossils are at S-PA. The manuscripts and letters are at the Royal Swedish Academy of Sciences, some letters in Helsinki University Library.

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Häkli, E. et al., A. E. Nordenskiöld, Catalogue of an exhibition held at Helsinki City Hall, 23 Aug-17 Oct 1979; see also Mickwitz & Miekkavaara, 1979.
Hamberg, A., Centralbl. Mineral. Geol. Palaeont. 1903: 161-175, 193-210. (biogr., b. 18 Nov 1832, Helsingfors).
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Wieselgren, H., Ymer 22: 109-139. 1902 (biogr., portr.).
Zittel, K. A. von, Hist. geol. palaeontol. 150, 233. 1901.

HANDWRITING: Ymer 22: 140. 1902.

MEMORIAL PUBLICATION: Ymer 22(2): i, 109-303, folded map. 1902.

6859. *Den andra Dicksonska expeditionen till Grönland* dess inre isöken och dess ost-kust utförd år 1883 under befäl af A. E. Nordenskiöld. Stockholm (F. & G. Beijers Förlag) [1885]. Oct. (*Andr. Dicks. exped.*).
Publ.: 1885, p. [i]-xi, [1]-546, 5 maps. *Copy*: FI. – Botany on p. 183-184, 191-192, 195, 264-266, 272-274, 278-284, 286-289 (by A. Nathorst), 293, 329, 330-332, 342, 344, 346, 359-360, 424-425 (by A. Berlin) (rev. see Nathorst 1886).
Note: Nordenskiöld's main description of the Vega Expedition, *Vega färd kring Asien och Europa,* Stockholm 1880-1881, 2 vols, also contains many botanical notes; for a list see Saelan p. 343. For bibl. details see Hulth 1902.

Nordhagen, Rolf (1894-1979), Norwegian botanist, especially geobotanist; Dr. phil. Oslo 1922; assistant at the Oslo botanic garden 1915-1920; at Oslo university 1920-1925; professor of botany Bergen 1925-1946; idem at Oslo 1946-1964. (*Nordh.*).

HERBARIUM and TYPES: BG and O; further material at C.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 12; BFM 3: 1444; BJI 2: 125; BL 2: 696 [index]; BM 7: 935; Bossert p. 289; Collander p. 372; GR p. 718; Hirsch p. 216; IH 2: (in press); Kew 4: 157; Kleppa p. 328 [index]; KR p. 547; MW p. 358.
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6860. *Die Vegetation und Flora des Sylenegebietes* eine pflanzensoziologische Monographie . . . Oslo (i Kommisjon hos Jacob Dybwad) 1927. Oct., 2 vols. (*Veg. Fl. Sylenegeb.*).

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6861. *Studien über die skandinavischen Rassen des Papaver radicatum* Rottb. sowie einige mit denselben verwechselte neue Arten vorläufige Mitteilung ... [Bergens Museums Årbok 1931].
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6862. *Studien über die monotypische Gattung Calluna* Salisb. I, [II]. Ein Beitrag zur Bicornes-Forschung ... [Bergens Museums Årbok 1937, 1938]. Oct.
1: 1937 p. [1]-55, *pl. 1-3.* To be cited as Berg. Mus. Årb. Naturv. Rekke 4, 1937.
2: 1937 (J. Bot. Oct 1937; t.p. 1938, p. [1]-70. Idem 1, 1938 (1940), but preprinted 1937.
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6863. *Norsk flora* med kort omtale av innførte treslag, pryd- og nytteplanter ... Oslo 1940-1970, 2 vols. Oct. (*Norsk fl.*).
Tekstbind: 1940 (p. ii: 1 Jun 1940), p. [i*-ii*], [i]-xxiii, [1]-766.
Illustrasjonsbind (1, 2): 1944 (p. 4: Oct 1943; part 2: 1948?), p. [1]-380, [v]-xxiii, *figs. 1-501* (by Miranda Bødtker).
Idem (3): 1970 p. 381-638, *figs. 302-772. Copy*: G.
Ref.: Löve, A., Taxon 20: 175. 28 Feb 1971.

Nordmann, Alexander [Davidovič] **von** (1803-1866), Finnish botanist; Dr. phil. Turku 1827; high school teacher and director of the botanic garden at Odessa; professor of natural history (1849) and of zoology (1852) in Helsinki. (*Nordm.*).

HERBARIUM and TYPES: LE; further important sets at GOET, H and MW.

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 192; Backer p. 398; Barnhart 3: 12; BM 3: 1445; Collander hist. p. 20-22, 35, 104, 114; CSP 4: 640-641, 8: 515, 17: 559; Frank 3(Anh.): 72; IH 1(ed. 6): 362, 2: (in press); Jackson p. 414; Lasègue p. 341, 422, 503; LS 19080-19081; PR (alph.); Quenstedt p. 316; Rehder 5: 624; Saelan p. 346-347; TR 953-955; Urban-Berl. p. 379.
Anon., Bonplandia 6: 49. 1858 (cogn. Leopoldina: Rudolphi II); Flora 50: 15-16. 1867; Österr. bot. W. 1: 160. 1851 (resigns directorship Odessa botanical garden; returns to Helsinki.
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EPONYMY: *Nordmannia* Fischer et C. A. Meyer (1843); *Nordmannia* Ledebour ex Nordmann (1837).

Nordstedt, Carl Fredrik Otto ["Otto"] (1838-1924), Swedish phycologist of independent means; med. fil. kand. Lund 1861; amanuensis at the Lund botanical institute 1878-1886; curator at id. 1886-1909; Dr. phil. h.c. Lund 1881; Prof. id. 1903. (*Nordst.*).

HERBARIUM and TYPES: LD; important collections also at S; further material at B, BP, BR, C, F, FI, GB, H (Bryoph.), L, LD, MANCH, MPU, MW, PI, S, WELT, WRSL. – *Exsiccatae*: (1) with Lars Johan Wahlstedt (1836-1917): *Characeae scandinaviae exisiccatae* fasc. 1-3, nos. 1-120, 1871-1874, sets at B, BM, C, CGE, FH, H, K, L, LD, LE, MPU, NY, O, OXF, S, W. (Bot. Not. 1871: 37, 1872: 29, 1874: 42; see Sayre 1969). (2) with Wittrock, V. B., (q.v.) and G. Lagerheim, *Algae aquae dulcis exsiccatae*, fasc. 1-35, 1877-1903.

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Anon., Bot. Not. 1871: 15 (trip Skåne), 1885: 31 (trip Gr. Brit.), 1913: 1 (portr.), 1921: 292 (retires as editor; thanks), 1923: 64 (congratulations 85th birthday); Generalreg. Bot. Not. 1839-1938, p. 62-63. 1939 (bibl.); Hedwigia 65 (Beibl.): 95. 1925; J. Bot. 62: 150. 1924; Österr. bot. Z. 73: 160. 1924 (d.).
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(2) *Desmidiaceae,* in E. Warming, *Symb. fl. bras.* 5: 195-234, *pl. 2-4.* 1 Jun 1870.
(3) *Characeae, in* Oeder, *Fl. danic.* 17 (fasc. 49): 12-14, *pl. 2927-2930* (see under Oeder).
(4) Editor, A. Braun, *Fragm. monogr. Charac.* 1882, TL-2/717 (Nordstedt added certain entries; these are marked by brackets; the *Clavis synoptica Characearum* is also by N. – "Autoreferat" Nordstedt, Bot. Centralbl. 13: 41-46. 1883.
(5) Collaborator, E. Askenasy, *Algen, in* A. Engler, *Forschungsr. Gazelle,* Sep 1888, p. [1]-58 (Conjugatae, Characeae), see TL-2/1705; (extensive review by Ludwig (Greiz), Bot. Centralbl. 37: 112-121. 1889, first announcement 35: 377. 17-21 Sep 1888).

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EPONYMY: *Nordstedtia* Borzi (1892).

6864. *Bidrag till kännedomen om sydligare Norges Desmidiéer* . . . Beskrifning öfver en ny art af slägtet Spirogyra . . . Lund (Berlingska Boktrykeriet) 1873. Qu. (*Bidr. Norg. Desmid.*).
Publ.: 11 Aug 1873 (t.p. reprint; J. Bot. Mar 1874 "published" September, 1873), p. [i], [1]-51, *2 pl.,* [Beskr. . . . Spirogyra:] [1]-2. *Copies*: BR, FH, H. – Preprinted or reprinted from Lunds Univ. Årsskr. 9(10): 1873.
Ref.: Archer, W., J. Bot. 12: 89-95, 124. 1874.

6865. *De algis aquae dulcis* et de Characeis *ex insulis sandvicensibus* a Sv. Berggren 1875 reportatis . . . Lundae [Lund] (typis excudit F. Berling reg. acad. typographus) 1878. Qu. (*Alg. ag. dulc. Sandvic.*).
Collector: Sven Berggren (1837-1917).
Publ.: On or shortly before 3 Oct 1878 (publ. on occasion of centenary Lund physiogr. Sällsk.: Hedwigia Nov 1878), p. [i], [1]-24, *pl. 1-2* (with text; uncol. liths. auct.). *Copies*: BR, FH, H, NY. – Preprinted or reprinted from Minneskr. Lund, Fysiogr. Sällsk. 3 Oct 1878, no. 7.

6866. *De algis et characeis* . . . Lundae [Lund] (Typis Berlingianis) 1880. Qu. (*Alg. charac.*).
1-2: as above, 15 Nov 1880 (t.p. reprint), p. [1]-20, *pl. 1. Copies*: BR, FH, NY. – Preprinted or reprinted from Lunds Univ. Årsskr. 16: [1]-20. 1880.
3-6: 1889 (Bot. Zeit. 29 Nov 1889; Nat. Nov. Nov(1) 1889), p. [i], [1]-41, *pl. 1* (uncol.). Idem 25: 1-41, *pl. 1.* 1889. *Copies*: BR, H, NY.

6867. *Fresh-water algae* collected by Dr: S. Berggren *in New Zealand and Australia* . . . Stockholm (Kongl. Boktryckeriet. P. A. Norstedt & Söner) 1888. Qu. (*Fresh-water alg. New Zealand*).
Collector: Sven Berggren (1837-1917).
Publ.: 1888 (mss. submitted 8 Jun 1887; Nat. Nov. Dec(2) 1888), p. [1]-98, *pl. 1-7* (uncol.). *Copies*: B, H, MO, NY, US. – K. Sv. Vet.-Akad. 22(8). 1888.

6868. *Australasian Characeae* described and figured by Otto Nordstedt. Part 1. Lund (Berlingska Boktryckeri- och Stilgjuteri-Aktiebolaget.) 1891. † (*Australas. Charac.*).
Publ.: Dec 1891 (ÖbZ Jan 1892; Bot. Centralbl. 26 Jan 1892; J. Bot. Apr 1892; Bot. Zeit. 26 Feb 1892; Nat. Nov. Jan(1) 1892; "so eben" Bot. Zeit. 29 Jan 1892), p. [i-iv], *pl. 1-10* with text. *Copies*: G, H, NY, US, USDA. – See also Nordstedt, Proc. R. Soc. Victoria ser. 2. 31: 1-6. Dec 1918 (synopsis). – "Autoreferat": Nordstedt, O., Bot. Centralbl. 49: 311-312. 9 Mar 1892.
Ref.: Migula, W., Bot. Zeit 50: 547-548. 29 Aug 1892.
Morot, L., J. Bot., Bull. Bibl. 6(2): vi-vii. 16 Jan 1892 (rev.).

6869. *Index Desmidiacearum* citationibus locupletissimus atque bibliographia auctore C. F. O. Nordstedt . . . Lundae (Typis Berlingianis), Berolini (Fratres Borntraeger) 1896. Qu. (*Index Desmid.*).

Publ.: 14 Nov 1896 (t.p.; Nat. Nov. Dec(2) 1896; Bot. Zeit. 1 Jan 1897; Bot. Gaz. 24 Mar 1887; J. Bot. Mar 1897), p. [i], [1]-310. Some copies without the Lund imprint.
Suppl.: 30 Mar 1908 (t.p.; Bot. Zeit. 1 Aug 1908), p. [i], [1]-149.
Copies: B(2), BR, G, H, KNAW, NY, UC, US, USDA; IDC 6385.
Ref.: West, G. S., J. Bot. 35: 105-106. 1897.
Karsten, Bot. Zeit. 55(2): 141-142. 1897.

6870. *Motion au Congrès international de botanique.* Troisième session. Bruxelles 1910. [Lund (Berlingska Boktryckeriet) 1909]. (*Motion Congr. int. bot.*).
Publ.: 1909, p. [1]-2. *Copy*: FAS. – Proposal to accept as starting points for the nomenclature of Desmidiaceae: Ralfs 1848, and for Oedogoniaceae: Hirn 1900 (as now incorporated in ICBN 13.1(g).).

6871. *Förteckning öfver Skandinaviens växter* utgifven af Lunds botaniska Förening. 3. *Alger.* (Tryckt som manuskript). Lund (C. W. K. Gleerup) 1912. Oct. (*Fört. Skand. växt., Alger*).
Publ.: 1912, p. [1]-77, [78, err.]. *Copies*: FAS, LD. – Note by O. Almborn: Manuscript delivered by N. to Lund botanical Society on 13 Apr 1912 (minutes council society); 1000 copies were ordered to be printed (id. 27 Apr 1912). Tryckt som manuskript ("printed as manuscript") means that the author did not definitely accept the nomenclature used. This would mean that new combinations and changes of rank are not validly published. [This would also explain the fact that Nordstedt's name is not mentioned in the publication itself, F. A. S.]. Copies of the book were still available from the Botanical Museum, Lund Dec 1979.

6872. *Prima loca plantarum suecicarum* första litteraturuppgift om de i Sverige funna vilda eller fövildade kärlväxterna . . . Lund (Berlingska Boktryckeriet) 1920. Oct. (*Prima loca pl. suec.*).
Publ.: 7 Dec 1920 (as supplement to Bot. Not. 1920), p. [i]-iv. 1-95. *Copies*: BR, MO, NY. – Addenda, Bot. Not. 1921: 282.

Norén, Carl Otto Gustaf (1876-1914), Swedish botanist; Dr. phil. Uppsala 1907; high school teacher in Stockholm (1910), Karlskrona (1911), and Vänersborg (1914). (*Norén*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 13; Kew 4: 158; KR p. 554.
Anon., Bot. Not. 1902: 158 (Fries stipendium), 1903: 268 (field work with Kylin), 1914: 160 (d.); Hedwigia 56(1): (79). 1915 (d.).
Dahlgren, K. V. O., *in* R. E. Fries, Short hist. bot. Sweden 85. 1950.
Sylvén, N., Sv. bot. Tidskr. 9(4): 479-481. 1915 (obit., portr.; called "Cloto", b. 15 Mar 1876, d. 29 Aug 1914).
Wittrock, V. B., Acta Horti Berg. 3(3): 47. 1905.

6873. *Zur Entwicklungsgeschichte des Juniperus communis.* Akademische Abhandlung welche zur Erlangung der Doktorwürde mit Erlaubnis der mathematisch-naturwissenschaftlichen Sektion der philosphischen Fakultät zu Uppsala am Mittwoch den 27. März 1907 um 10 Uhr vormittags im botanischen Hörsaal öffentlich verteidigt wird von C. O. Norén lic. phil. Uppsala (Akademiska Boktryckeriet Edv. Berling.) 1907. Oct. (*Entw.-Gesch. Juniperus communis*).
Publ.: [1-] 27 Mar 1907, p. [i], [1]-64, *pl. 1-4* (uncol., auct.). *Copies*: H, NY. – Årsskr. Uppsala Univ. 1907. Preliminary publication in Ark. Bot. 3(11). 1904.
Ref.: Karsten, Bot. Zeit. 66(2): 73-75. 16 Feb 1908.

Norlindh, Nils Tycho (1906-x), Swedish botanist at the Botanical Museum, Lund, (*Norl.*).

HERBARIUM and TYPES: LD; further types in B, BOL, COI, EA, K, PRE, S; further specimens in BOL, BM, E, GH, MT, PRE, S, SRGH.

BIBLIOGRAPHY and BIOGRAPHY: BL 1: 55, 310; Bossert p. 289; Hortus 3: 1200 ("Norl."); IH

1 (ed. 6): 362, 2: (in press); Kew 4: 159; MW suppl. p. 261; Roon p. 83; Zander ed. 10, p. 697, ed. 11, p. 795.
Anon., Forum bot. 12(3): 5. 1974.; Generalreg. Bot. Not. 63-64. 1939.
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Wornardt, W. W., Int. direct. diat. 34. 1968.

FESTSCHRIFT: Botaniska Notiser 119(2), 119 (portr., signature).

Norman, George (1824-1882), British diatomologist and entomologist in Yorkshire. (*G. Norm.*).

HERBARIUM and TYPES: AWH and BM (155 slides); letters in Walker-Arnott corr. at BM. Newton (1952) reports that an algal herbarium at the Hull Museum was destroyed in World War II.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 13; BB p. 231; BM 3: 1447; CSP 4: 643, 8: 517, 10: 939, 13: 541; Desmond p. 467; De Toni 1: xciii, 2: lxxxvi; IH 2: (in press); Jackson p. 254 Kew 4: 159.
Anon., Entom. mon. Mag. 19: 96. 1882 (obit., b. 1 Jan 1824, d. 5 Jul 1882).
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Sheppard, T. "T.S.", Trans. Hull. sci. Field Natural. Club 1: 105-112. 1900, 2: 14. 1902; Naturalist, London, 1903: 307-308.
VanLandingham, S., Cat. diat. 6: 3573. 1978, 7: 4209. 1978.

EPONYMY: *Normania* Lowe (1872) is dedicated to Commander F. M. Norman R. N. (1833-?) who made many valuable botanical discoveries in Madeira.

6874. *List of diatomaceae occurring in the neighbourhood of Hull* [Hull (J. W. Leng, printer, ...) 1860]. Oct.
Publ.: 1860 (in journal), p. [1]-23. *Copy*: UC (inf. R. Schmid). – Reprinted and to be cited from Trans. microsc. Soc. 8: 59-71, 156-168. 1860.

Norman, Johannes Musaeus (1823-1903), Norwegian botanist; med. cand. Oslo 1847; lecturer (universitets-stipendiat) at Oslo 1849-1850, 1855-1859; from 1860-1876 forester in Troms and Finnmark. (*Norm.*).

HERBARIUM and TYPES: TROM; further material in BG, BM, C, DUKE, GB, H, MICH, O, UPS, W.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 240; Barnhart 3: 13; BL 2: 448, 451, 453, 461, 696; BM 3: 1447; Bossert p. 289; CSP 4: 643, 8: 517, 10: 939, 17: 561; DTS 1: 213; Frank 3 (Anh.): 72; GR p. 714, *pl.* [*36*], cat. p. 69; Hawksworth p. 185; Herder p. 117, 195, 259; IH 2: (in press); Jackson p. 70, 334; Kew 4: 159-160; Kleppa p. 329 [index]; KR p. 555-556; Krempelh. 1: 457, 468, 564, 567, 2: 213, 3: 203; LS 19084-19103, 37465-37466; Morren ed. 10, p. 108; PR 6741-6743; Rehder 5: 62; SBC p. 128; TR 956.
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Holmboe, J., Naturen 47: 257-277. 1923, Norsk biogr. leks. 10: 222-225. 1949.
Laundon, J. R., Lichenologist 11: 15. 1979 (location lichens).
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Wittrock, V. B., Acta Horti Berg. 3(2): 170. *pl. 16.* 1903 (portr.), 3(3): 184. *pl. 115.* 1905 (portr.).

6875. *Conatus praemissus redactionis novae generum nonnullorum lichenum* ... Christianiae [Oslo] 1852. Oct. (*Conat. praem. gen. lich.*).
Publ.: 1852 (t.p. reprint), p. [i], [1]-40, *pl. 1-2* (uncol., auct.). *Copies*: G, H. – Preprinted from Nytt Mag. Naturvid. 7(3): 213-252. 1853. For a further publ. see *Conject. aff. Heterolich.* 1872 (or 1871), below.

6876. *Index supplementarius* locorum natalium specialium plantarum nonnullarum vascularium in provincia arctica norvegiae sponte nascentium, ... Nidarosiae [Trondhjem] (Typis expressit J. C. Manglie) 1864. Oct. (*Index suppl.*).
Publ.: 1864 (p. 58: Jul 1864; t.p. reprint 1864), p. [i], [1]-58. *Copies*: BR (no imprint), FI, H, NY (as above). Preprinted or reprinted from K. Norske Vid.-Selsk., Trondhjem 5: 1-58. 1868 (1864?).
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 24: 126. 1866 (rev.).

6877. *Specialia loca natalia* plantarum nonnullarum vascularium & characearum & lichenum in agro arctico Norvegiae confiniisque sponte nascentium ... (Exemplar ex vol. v. scriptorum Societatis Regiae scientiarum Norvegicae Separatim typis descriptum.) 1868. Oct. (*Special. loc. natal.*).
Publ.: Mai 1868 (t.p.), p. [1]-138, [139, err.], *1 pl.* (col.). *Copies*: BR, FI, H, NY (without imprint). – Preprinted or reprinted from K. Norske Vid.-Selsk. Trondhjem 5: 213 (= repr. p. 3)-378(= 138), 1 pl. (id.). 1868.

6878. *Conjectura de affinitate mutua Heterolichenum,* ab J. M. Norman 1852 proposita, nunc modo graphico plenius exhibita cum mutationibus, nexu arctiore formarum & indole sporarum praecipue ducibus [Trondhjem] (Trykt hos Lie & Sundt) 1872 [1871]. (*Conject. affin. Heterolich.*).
Publ.: 1871 or 1872 (signature 1871; Heft cover 1872, p. 16: Mar 1891), p. [1]-16, [1, err.], chart. *Copies*: G, H. – Preprinted or reprinted from K. Norske Vid.-Selsk. Skr. 7(1): 1-16. 1872. – Follow-up of *Conat. praem. gen lich.* (1852).

6879. *Notationes* summatim conceptae *observationum florae arcticae Norvegiae* mandatu & sumptibus civitatis Norvegicae posteriore tempore effectarum, addita correctione latitudinis geographicae terminorum polarium prius indicatorum a J. M. Norman 1880 (mense Septembro) ... Christianiae (Sumptibus Alb. Cammermeyer) 1881. Oct. (*Not. fl. arct. Norv.*).
Publ.: 1881 (t.p. also: mense Septembro 1880; however: Bot. Centralbl. 6-10 Mar 1882; Nat. Nov. Mar (2) 1882), p. [1]-84. *Copies*: G, H. – Preprinted or reprinted from Arch. Math. Naturvid. 5(4): 436-517. 1881.

6880. *Yderligere Bidrag til* kundskaben om *karplanternes udbredning* i det Nordenfjeldske Norge søndenfor Polarkredsen ... Kristiania (Det Mallingski Bogtrykkeri) 1883. Oct.
Publ.: 1883, p. [i], [1]-180. *Copies*: H, MO. – Reprinted from Arch. Math. Naturvid. 8: 1-186. 1883 (to be cited from journal).

6881. *Florae arcticae Norvegiae species* & formae nonnullae novae v. minus cognitae plantarum vascularium ... Christiania (I commission hos Jacob Dybwad ...) 1893. Oct. (*Fl. arct. Norv. sp.*).
Publ.: 1893 (Nat. Nov. Nov(1) 1893; Bot. Zeit. 1 Mai 1894), p. [1]-59. *Copies*: BR, G. – Christiania Vid.-Selsk. Forh. 1893(16).

6882. *Norges arktiske flora* ... Kristiania (1(1): Oskar Andersens Bogtrykkeri, 1(2), 2(1,2): i kommission hos H. Aschehoug & Co.) 1894-1901, 2 vols. Oct. (*Norg. arkt. fl.*).
1(1): 1894 (p. iii: 7 Mar 1894; Nat. Nov. Aug(1) 1895; Allg. bot. Z. 15 Dec 1895), p. [i,iii], [1]-760, map.
(*2*): 1900, p. [i*-ii*], [i]-viii, 761-1487.
2(1): Jan-Jun 1895 (Nat. Nov. Jul(1) 1895; Allg. bot. Z. 15 Dec 1895), p. [i]-viii, [1]-442.
(*2*): 1901 (Nat. Nov. Jul(2) 1902; Bot. Centralbl. 20 Aug 1902), p. [i], [443]-623, [i]-viii. *Copies*: BR (vol. 1), KNAW (compl.), H, US (compl.). – A note in vol. 1(1) mentions that sheets 1-41 were printed 1887-1892 but that the entire printing was lost in fire except for two copies which were with the author. This was not effective publication.

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Noroña, Francisco (Noronha, François; also err. Fernando) (ca. 1748-1788), Spanish physician and botanist who travelled to the Philippines and Java 1786-1787. (*Noroña*).

HERBARIUM and TYPES: G, P. – For Noroña's drawings, *Icones plantarum javanicarum*, at the Staatsbibliothek Preussischer Kulturbesitz, W. Berlin; see SK and Steenis-Kruseman (1977); for the set at BM see Britten (1903). Most detailed account of collections and literature: SK 1: 387-389.

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Britten, J., J. Bot. 41: 282-285. 1903 (on *Icones plantarum javanicarum*).
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Woodward, B. B., *in* G. Murray, Hist. coll. BM(NH) 1: 45. 1904 (111 water-colour drawings).

EPONYMY: *Noronhaea* Post et O. Kuntze (1903, *orth. var.*); *Noronhia* Stadtmann ex Du Petit-Thouars (1806).

Norrlin, Johan Petter [Peter] (1842-1917), Finnish botanist; Dr. phil. Helsinki 1879, lecturer (1871) and professor (1879) of botany at Helsinki University until 1903; in Algeria 1877-1878; taxonomist (*Hieracium*; lichens) and phytogeographer ("father of Finnish phytogeography"). (*Norrl.*).

HERBARIUM and TYPES: H. – *Exsiccatae* (see Collander p. 644-645 and Sayre (1969)):
(1) *Herbarium pilosellarum fenniae*, fasc. 1-2, nos. 1-200, 1884-1894, sets at B, H, P, WRSL.
(2) *Hieracia exsiccata*, fasc. 1-13, 1888-1912. Set at H.
(3) With William Nylander (1822-1899), *Herbarium lichenum fenniae*, fasc. 1-9, nos. 1-450, 1875-1882, sets at B, BM, C, FH, FR, G, H, HSI, LD, LE, M, MOD, MTMG, O, PC, S, TUR, W, WU. – Continued by K. Linkola (1888-1942) and Edvard Vainio (1858-1929), nos. 451-807, 1924, see under Vainio.
Manuscripts: 134 letters to Nylander at H; further mss. also at H.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 14; BJI 2: 125; BL 2: 74, 75, 95, 96, 696; BM 3: 1447, 7: 937; Bossert p. 289; Collander p. 374-375 (further biogr. refs), 644-645 (exsicc.), hist. p. 156 (ind.); CSP 8: 517, 10: 939, 17: 563; GR p. 611, *pl.* [*41*], cat. p. 69; Hawksworth p. 185; Herder p. 469; IH 1 (ed. 6): 362, 2: (in press); Jackson p. 329; KR p. 556; LS 19104-19108, suppl. 20219; Morren ed. 10, p. 97; Saelan p. 348-352, 576-577; SBC p. 128; TR 957-963; Urban-Berl. p. 289, 379.
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Vainio, E. A., Act. Soc. Fauna Fl. fenn. 49(2): 185, 256, 258, 1921.
Wittrock, V. B., Acti Horti Berg. 3(3): 94, *pl. 119* 1905 (portr.).

COMPOSITE WORKS: Contributed *Suomen Keltanot* [Hieracia of Finland] to A. J. Mela, *Suomen koulokasvio* 1895, p. 501-572, (reprint with orig. pagination received by H. Lindberg 10 Oct. 1895). *Copy*: H. Also: *id.* in Mela, *Suomen kasvio* ed. 5, p. 594-746. 1906, also reprinted with special t.p. Helsinki 1906, p. [1]-154 (see Collander p. 374, nos. 68a-c), *Copy* reprint: H.

MEMORIAL PUBLICATION: Acta forestalia fennica 23, 1923 (portr., biogr. account by A. K. Cajander (p. 1-58) bibl. (p. 59-61), German translations of some of N's publications, p. 1-243.

NOTE: Many data for this treatment were kindly provided by P. Isoviita.

EPONYMY: *Neonorrlinia* H. Sydow (1923); *Norrlinia* Theissen et H. Sydow (1918); *Norrlinia* Vainio (1921).

6883. *Bidrag till Sydöstra Tavastlands flora* . . . Helsingfors (Theodor Sederholms boktryckeri) 1870. Oct. (*Bidr. Sydöst. Tavastl. fl.*).
Publ.: 1870 (t.p. preprint), p. 73-196. *Copies*: H, USDA. – Preprinted from Not. Sällsk. Fauna Fl. fenn. Förh. 11: 75-196. 1 Jan-11 Feb 1871 (inf. P. Isoviita). German translation of introductory matter: Acta forest. fenn. 23. 15-52. 1923. See also BL 2: 95.

6884. *Om Onega-Karelens vegetation* och Finlands jemte Skandinaviens naturhistoriska gräns i öster. Akademisk Afhandling, som med tillstånd af den vidtberömda Filosofiska Fakulteten vid Kejserliga Alexanders-Universitetet i Finland till offentlig granskning framställes af J. P. Norrlin, . . . uti hist. filologiska auditorium den 13 Maj 1871 p.v.t.f.m. Helsingfors (J. C. Frenckell & Son) 1871. Oct. (*Onega-Karel. veget.*).
Publ.: 13 Mai 1871, p. [1]-132. *Copies*: B, H. – Preprinted from Not. Sällsk. Fauna Fl. fenn. Förh. 11: 1-132. 1871. Introduction to *Fl. Karl. oneg.* 1871, see below.
German translation: Acta forest. fenn. 23: 53-162. 1923, also as reprint with orig.pagination Helsingfors (J. C. Fenckell & Sohn, . . .) [1923]. *Copy*: H.

6885. Notiser ur Sällskapets fro Fauna et Flora fennica förhandlingar xii [sic, for xiii]. 1871. *Flora Kareliae onegensis* . . . Helsingfors (Theodor Sederholms boktryckeri) 1871. Oct. (*Fl. Karel. oneg.*).
Part I: 1871, p. [1]-183. *Copies*: B, H. – Preprinted from Not. Sällsk. Fauna Fl. fenn. Förh. 13: 1-183. 2-13 Mai 1874 (journal presented at Society meeting).
Part II (*Lichenes*): 1876, p. [1]-46. *Copies*: B, H. – Preprinted or reprinted from Medd. Sällsk, Fauna Fl. fenn. 1: 1-46. 1876 (t.p., volume probably publ. 3 Feb-3 Mar 1877 (Society's meeting)).
Copies: B, H. – "Reprints" without imprint are taken directly from the journal issues.

6886. Notiser ur Sällskapets pro Fauna et Flora fennica förhandlingar xiii. 1873. *Berättelse i anledning af en till Torneå Lappmark verkställd naturalhistorisk resa,* . . . Helsingfors (Theodor Sederholms boktryckeri) 1873. Oct. (*Berätt. Torneå Lappmark resa*).
Publ.: 1 Apr-26 Nov 1873 (p. 313: cites Bot. Not. 1 Apr 1873; Bot. Not. 26 Nov 1873), p. [249]-348. *Copy*: H. – Preprinted or reprinted with special title-page [249] from Not. Sällsk. Fauna Fl. fenn. Förh. 13. 1873.

6887. *Symbolae ad floram ladogensi-karelicam* [Medd. Soc. Fauna Fl. fenn. 2, 1878]. Oct.
Publ.: 2 Mar-6 Apr 1878 (in journal; journal presented at meeting of 6 Apr and not on that of 2 Mar; Meddel. Soc. Fauna Fl. fenn. 13 Mai 1878: published), p. [1]-33. *Copy*: H. – Reprinted and to be cited from the journal 2: 1-33. 1878.

6888. Adnotationes de Pilosellis fennicis i. *Anteckningar öfver Finlands Pilosellae* ... Helsingfors (J. Simelii Arfvingars tryckeri) 1884. Oct. (*Anteckn. Finl. Pilosell.*).
Publ.: Jan-Mai 1884 (BSbF 27 Jun 1884; Bot. Centralbl. 21-25 Jul 1884), p. [1]-176. *Copies*: G, H. – Accompanied by 100 specimens. – Also issued as Acta Soc. Fauna Fl. fenn. 2(4). 1884 (complete volume, 7 issues, publ. after 7 Nov 1885).
Ref.: Focke, W. O., Bot. Zeit. 43: 442-447. 1885 (rev.).

6889. Acta Societatis pro Fauna et Flora fennica T. iii, nr. 4. *Bidrag till Hieracium-Floran* i Skandinaviska halföns mellersta delar ... Helsingfors (J. Simelii Artfvingars Boktryckeri Aktiebolag) 1888. Oct. (*Bidr. Hierac.-Fl.*).
Publ.: circa 3 Nov 1888 (orig. minutes of Society), p. [1]-117. *Copy*: H. – Issued with separate wrapper as reprint or preprint as well as in complete volume of the *Acta*.

6890. Acta Societatis pro Fauna et Flora fennica, xii, n:o 4. *Pilosellae boreales* praecipue florae fennicae novae ... Helsingforsiae 1895. Oct. (*Pilosell. bor.*).
Publ.: shortly before 5 Oct 1895 (copy of complete volume of Acta, 4 nos., then presented to Society), p. [1]-83. *Copy*: H. – Issued separately and in complete volume of the *Acta*.

6891. Acta Societatis pro Fauna et Flora fennica, 26, n:o 7, 1904. *Nya nordiska Hieracia* ... Helsingfors 1904-1912, 2 parts. Oct. (*Nya nord. Hierac.*).
1: 1904 (complete journal volume, 9 nos., publ. by 5 Dec 1904), p. [1]-124. Issued separately as well as in complete volume of Acta.
2: 1912 (in or after Mai 1912, see p. 4), p. [1]-127. Issued separately and as Acta vol. 36, no. 4, 1912.
Copy: H.

Northrop, Alice Belle (née Rich; Alice R(ich) Northrop) (1864-1922), American botanist; wife (from 1889) of John Isaiah Northrop (1861-1891); tutor in botany at Normal College, New York 1885-1889. (*Northr.*).

HERBARIUM and TYPES: F; other material in A, B, G, GH, K, NY, US. – Exsiccatae: *Bahama plants* (1890), sets at B, G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 14; BL 1: 144, 224, 310; GR p. 235; Hortus 3: 1200 ("Northr."); IH 2: (in press); Kew 4: 162; Lenley p. 315; LS 19109; Urban-Berl. p. 267, 379.
Barnhart, J. H., J. New York Bot. Gard. 23: 39. 1922 (b. 6 Mar 1864).
Jackson, B. D., Bull. misc. Inf. Kew 1901: 49 (470 sp. K).
Millspaugh, C. F., Field Mus. Bot. 2(3): 142. 1906.
Rickett, H. W., Index Bull. Torrey bot. Cl. 75. 1955.
Sayre, G., Mem. New York Bot. Gard. 19(1): 91. 1969.
Urban, I., Symb. ant. 3: 93. 1902, 5: 9. 1904.

6892. *Flora of New Providence and Andros* (Bahama Islands) ... [Mem. Torrey bot. Club 12(1)] 1902. Oct.
Publ.: 10 Dec 1902 (p. 1: Nat. Nov. Feb(2) 1903), map, p. [1]-98, *pl. 1-19*. *Copies*: B, BR, G, US. – Published as Mem. Torrey bot. Club 12(1), 1902, and to be cited as such. – Reprinted in H. F. Osborn, A naturalist in the Bahamas: John I. Northrop. 1910, p. 119-211. – For a further note on John Northrop see e.g. Hollick, A., Trans. N.Y. Acad. Sci. 11(9). 1891, 4 p. and J. H. Barnhart, J. New York Bot. Gard. 23: 39. 1922.

Norton, John Bitting Smith (1872-1966), American botanist, mycologist, pathologist and horticulturalist; B.S. and M.S. Kansas State College of Agriculture (now Kansas State University), Manhattan (1896, 1900) under the direction of A. S. Hitchcock, assistant professor at Kansas State (1894-1896); botanical assistant, Missouri Botanical Garden

(1896-1901): professor of botany, Maryland Agricultural College (now University of Maryland), College Park (1901-1942); professor emeritus (1942-1966). (*Norton*).

HERBARIUM and TYPES: KSC (1896-1901), MO (1896-1901), MARY (1901-1946); further material, especially Poaceae, at US, general material at US-DC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 14, Bossert p. 289; CSP 17: 565; Hirsch p. 216; Hortus 3: 1200 ("J. B. S. Norton"); IH 1(ed. 6): 362, 2: (in press); Kelly p. 161; Kew 4: 162; Langman p. 543; LS 19110-19116, 19113 err., 37468-37482, suppl. 20223-20234; NW p. 54; Pennell p. 615; Rehder 5: 625; Stevenson p. 1252; Tucker 1: 523.
Anon., Amer. men. sci. 235. 1906.
Barkley, F. M., Trans. Kans. Acad. Sci. 68(3): 363-383. 1965 (on Grass investigation trip of 1898; transcript of mss at KSU; by Jesse Baker Norton).
Barnhart, J. H., North Amer. fl. 7: 1080. 1940.

COMPOSITE WORKS: with Albert Spear Hitchcock (1865-1935), *Third record on Kansas weeds*, Exp. Sta. Kansas State Agric. Coll., Manhattan. Bull. 57. Jun 1896, 37 p., *27 pl. Rev.*: F. Niedenzu, Bot. Centralbl. Beih. 7(5): 353-355. 1898.

NOTE: (1): Not to be confused with Jesse Baker Norton (x-1938), who studied also at Kansas State University, but who was later employed (ca. 1901-02) by USDA and by the Pedigreed Seed Company in Hartsville, S.C. (see Barkley (1965)).
(2). The greater part of the treatment of J. B. S. Norton was kindly provided by J. L. Reveal.

6893. *North American species of Euphorbia*, section Tithymalus by J. B. S. Norton. (Printed in advance from the eleventh Annual Report of the Missouri botanical garden) issued July 10, 1899. [St. Louis, Mo] 1899. Oct. (*N. Amer. Euphorbia*).
Publ.: 10 Jul 1899 (cover reprints and p. 1, repr.), p. [1]-60, *pl. 11-52* (uncol.). *Copies*: G, MARY, NY, US. Preprinted from Ann. Rep. Missouri bot. Gard. 1900: 85-144; title in journal: "*A revision of the American species* of *Euphorbia* of the section Tithymalus occurring north of Mexico." – "I wish to congratulate you on your paper on Euphorbia. It is the best Master's Thesis that has been presented since I have been here." A. S. Hitchcock, letter to Norton, 18 Jul 1899 (MARY).

6894. *Seven thousand dahlias in cultivation.* College Park, Maryland (published by the author) 1924. Oct. (*7000 dahlias cult.*).
Publ.: 1924, p. [1]-291 (printed on one side only). *Copy*: MARY.

6895. *1925 dahlia ratings.* Hyattsville, Maryland (published by the author) 1925. Oct. (*1925 dahlia ratings*).
Publ.: 1925, p. [1]-20 (plus 11 unnumbered pages of advertising). *Copy*: MARY.

6896. *1926 dahlia ratings.* Hyattsville, Maryland (published by the author) 1926. Oct. (*1926 dahlia ratings*).
Publ.: 12 May 1926 (as stamped on inside front cover), p. [1]-48. *Copy*: MARY.

6897. *Favorite dahlias of 1928; the first choice varieties of leading dahlia specialists.* Hyattsville, Maryland (published by the author) 1929. Oct. (Dahlias of 1928).
Publ.: 1929, p. [1]-66. *Copy*: MARY.

6898. Bulletin no. 323. *Maryland grasses* ... The University of Maryland Agricultural Experiment Station College Park, Maryland September, 1930.
Publ.: Sep 1930, p. [i-ii], 251-326. *Copy*: NY. – To be cited from the Bull. Univ. Maryland Exp. Sta.

6899. *A catalog of the vascular plants of Maryland.* College Park, Maryland (Univ. Maryland Agr. Exp. Sta.) 1946. Oct. (*Cat. vasc. Pl. Maryland*).
Co-author: Russell Guy Brown (1905-x), forward by William Beck Kemp (1890-1976).
Publ.: Mar 1946, p. [1]-50. *Copy*: MARY – (Reprinted with a special cover and forwarded by the Director of the Experiment Station), Castanea 11: 1-50. 1946.

Notcutt, William Lowndes (1819-1868), British pharmacist and botanist at Farcham, Kettering and Cheltenham. (*Notcutt*).

HERBARIUM and TYPES: mainly at MANCH; another first set at CLE; mosses at BM; further material at CGE, LIV, NWH, and OXF.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 15; BB p. 231; Bl. 2: 244, 260, 696; BM 3: 1452; Clokie p. 218; CSP 4: 646; Desmond p. 468; De Toni 1: xciii, 2: lxxxvi; Jackson p. 237; Rehder 5: 626.
Druce, G. C., Fl. Northamptonshire cxvii. 1930.
Greenwood, E. F., Proc. Bot. Soc. Brit. Isl. 7(2): 171. 1968 (b. 19 Apr 1819, d. 15 Sep 1868; pl. at LIV).
Kent, D. H., Brit. herb. 71. 1957 (herb.).
Notcutt, W. L., Phytologist 1843: 500-508.
Riddelsdell, H. J., et al., Fl. Gloucesterhire cxxviii. 1948.
Watson, H. C., Topogr. bot. ed. 2. 552. 1883.

6900. *A handbook of British plants*, designed especially for schools, science-classes and excursionists, ... London (Longman, Green, & Co., ...), Cheltenham (Norman and Sons, ...) [1865]. (*Handb. Brit. pl.*).
Publ.: Jun-Jul 1865 (p. ii: Mai 1865; J. Bot. Jul 1865 "Just published"), p. [i*], [i]-ii, [1]-213, [214, colo.]. *Copy*: National Library of Scotland; inf. J. Edmondson.
Ref.: Seemann, B., J. Bot. 3: 262. Aug 1865.

6901. *A handbook of the microscope* and microscopic objects with descriptive lists of upwards of 1780 objects and full directions for obtaining, preparing and viewing them. With twelve plates, including figures of sixty-one objects ... London (Edward Lumley, ...) 1859. Duod. (*Handb. microsc.*).
Publ.: 1859 (p. iv: Dec 1858), p. [i]-ix. [1]-152, *pl. 1-12* (col. liths.). *Copy*: PH.

Noter, Raphaël de (1857-1936), Algeria-born French horticulturist. (*Noter*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 15; BM 3: 1452; CSP 17: 566; Kew 4: 162; Langman p. 543-544; Morren ed. 10, p. 113; MW p. 359; Plesch p. 349-350; Rehder 5: 626; Tucker 1: 523.
Anon., Revue hortic. 108: 105. 1936 (d.).

6902. *Les orangers* citronniers, cédratiers et autres aurantiacées à fruits comestibles leur culture dans la région méditerranéenne et dans le Nord par Raphaël de Noter ... avec la collaboration de MM. Chouvet, Ch. Rivière et F. Sahut ... Paris (Octave Doin ... Librairie agricole ...) 1896. 18-mo. (*Orangers*).
Collaborators: Chouvet père; Charles Marie Rivière (1843-?); Félix Sahut (1835-1904).
Publ.: Feb-Jul 1896 (p. ix: 25 Jan 1891; Nat. Nov. Jul(1) 1896; Bot. Zeit. 1 Aug 1896), p. [i]-ix, [1]-202. *Copy*: L.

6903. *Les Eucalyptus* culture-exploitation industrie propriétés médicinales ... Paris (Augustin Challamel, ...) 1912. Oct. (*Eucalyptus*).
Publ.: 1912 (Nat. Nov. Jul(2) 1912; ÖbZ Jun-Jul 1912), p. [i, iii], [1]-119, [1, cont.]. *Copy*: L. – *in*: Bibliothèque d'agriculture tropicale.

6904. *Légumes et fruits des cinq parties du monde* ... Paris (Gauthier-Villars & Cie., ...) 1923, 2 vols. Oct. (*Légum. fruits monde*).
1: 1923, p. [i]-vi, [1]-225, [1, cont.].
2: 1923, p. [i-iv], [1]-136, [1, cont.].
Copy: USDA.

Notø, Andreas (1865-1948), Norwegian botanist; high school teacher at Tromsø (1888-1909), Levanger (1909-1920) and Bodø (from 1920): (*Notø*).

HERBARIUM and TYPES: TROM; further material at C, E, GB, H, MANCH, TRH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 15; BL 2: 452, 462, 697; BM 7: 941; IH 2: (in press); Kew 4: 163; Kleppa p. 329 [index].
Benum, P., Blyttia 7: 25-28. 1949 (obit., bibl., b. 18 Jan 1865, d. 21 Aug 1948).
Hedge, I. C., & J. M. Lamond, Index coll. Edinb. herb. 115. 1970 (pl. E).
Holmboe, J., Norsk biogr. leks. 10: 243-244. 1949.

6905. *Florula tromsøensis*. Editio nova ... Tromsø (Tromsøpostens Bogtr.) 1901.
Publ.: Shortly after 23 Mar 1901 (p. 113), p. [i, reprint title page], [113]-180. *Copy*: TROM. – Reprinted and to be cited from Tromsø Mus. Aarsh. 23: 113-180. 1901 (Information kindly supplied by Harald Mehus). – The "Ed. nova" refers to J. M. Norman, Florula tromsøensis, Tromsø Mus. Aarsh. 15: 157-173. 1893.

Nott, Charles Palmer (*fl.* 1896-1900), American botanist; educated at Brown University; assistant at University of California, Berkeley, 1896-1904, afterwards farmer. (*Nott*).

HERBARIUM and TYPES: Californian algae at GMS and US (types).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 15; CSP 17: 566; De Toni 4: xlii; IH 1(ed. 6): 362, 2: (in press).
Anon., Bot. Centralbl. 68: 32. 1896 (assistant Univ. Calif., Berkeley); Bot. Jahrb. 22 (Beibl. 55): 12. 1896.
Ewan, J. et al., Leafl. w. Bot. 7: 73. 1953.
Koster, J. Th., Taxon 18: 556. 1969.

6906. *Nitophylla of California* description and distribution ... San Francisco (published by the Academy) 1900. Oct. (*Nitoph. Calif.*).
Publ.: 3 Aug 1900 (t.p.), p. [i], [1]-62, *pl. 1-9*. *Copies*: NY, US. – Proc. Calif. Acad. Sci. Bot. 2(1), 1900.

Noulet, Jean Baptiste (1802-1890), French anthropologist and botanist; Dr. med. Toulouse 1826; director of the Musée d'histoire naturelle and the Jardin des plantes de Toulouse and professor at the École de médecine et de pharmacie. (*Noulet*).

HERBARIUM and TYPES: TL and TLM.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 656; Barnhart 3: 15; BL 2: 154, 696; BM 3: 1453; CSP 4: 647, 8: 519, 10: 941, 12: 542, 17: 567; IH 2: (in press); Jackson p. 278; Kew 4: 163-164; LS 19140-19142; Morren ed. 10, p. 69; NI 1456; PR 6764-6766 (ed. 1: 7571-7573); Quenstedt p. 317; Rehder 5: 627; Stevenson 1252; Tucker 1: 524.
Anon., Rev. de bot. 8: 310. 1890 (obit., d. 26 Mai 1890).
Astre, G., Bull. Soc. Hist. nat. Toulouse 101: 181. 1966.
Cartailhac, É., L'anthropologie 1: 512. 1890 (obit.).
Cartailhac, É. et al., Mém. Acad. Sci. Toulouse ser. 11. 6: 421-483. 1918 (biogr., N as a botanist by Leclerc du Sablon, b. 1 Mai 1802, d. 24 Mai 1890, bibl.).
Endlicher, S. L., Gen. 1407. 1841 (epon.).
Wittrock, V. B., Acta Horti Berg. 3(3): 109. *pl. 141*. 1905 (portr.).

EPONYMY: *Nouletia* Endlicher (1841) probably commemorates him.

6907. *Flore du bassin sous-pyrénéen*, ou description des plantes qui croissent naturellement dans cette circonscription géologique, avec l'indication spéciale des espèces qui se trouvent aux environs de Toulouse ... Toulouse (J.-B. Paya, imprimeur-libraire,...) 1837. Oct. (*Fl. bass. sous-pyrén.*).
Orig.: 1837 (p. xv: Jul 1837; Flora rd. 28 Aug 1838), p. [i]-lxvii, [lxviii], [1]-753, [754]. *Copies*: BR, FI, G(2), USDA.
Additions et corrections: 1846 (p. iv: 25 Mar 1846), p. [i]-iv, [1]-43. *Copies*: BR, G(2). – "Additions et corrections à la Flore du bassin sous-pyrénéen, ..." Toulouse (Imprimerie de Bonnal et Gibrac, ...) 1846. Oct.

6908. *Traité des champignons* comestibles, suspects et vénéneux, qui croissent dans le bassin sous-pyrénéen, ... Toulouse (Chez J.-B. Paya ...), Paris (id.) 1838. Oct. (*Traité champ.*).
Co-author: A. Dassier.
Publ.: 1838, p. [i]-xxx, [1 chart], [1]-258, [259-261], *pl. 1-4, 4bis, 5-42* (col.). *Copies*: FH, Stevenson. – The FH copy has an incomplete set of plates but contains several proofs (uncol.) and original drawings.

6909. *Flore analytique de Toulouse* et de ses environs, ... Toulouse (Librairie centrale, ...) 1855. Duod. (*Fl. anal. Toulouse*).
Ed. 1: Jan 1855 (p. xiii: 5 Jan 1855; Soc. bot. France rd. 9 Feb 1855). *Copies*: B, NY, p. [i]-xvii, [xviii, err.], [1]-370.
Ed. 2: 1861 (p. xii: 1 Oct 1860), p. [i]-xv, [1]-368. *Copies*: BR, G. – Deuxième édition. Toulouse (Delboy, libraire-éditeur, ...) 1861. Duod.
Ed. 3: 1884, p. [i]-xvi, [1]-376. *Copies*: G, USDA. – Troisième édition. Toulouse (Édouard Privat, libraire-éditeur ...) 1884. Duod.
Ref.: Anon., Bull. Soc. bot. France 2: 795-796. 1856 (post 1 Feb).

Novák, František Antonín (1892-1964), Czechoslovak botanist at the Charles University of Praha, specialist on the phanerogamic flora of C. Europe and the Balkan Peninsula. (*Novák*).

HERBARIUM and TYPES: PRC; other material at PR.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(2): 451; Barnhart 3: 15; BJI 2: 125; BM 7: 941-942; Bossert p. 290; Futák-Domin p. 426-431; GR p. 671; Hirsch p. 216; Hortus 3: 1200 ("Novák"); IH 2: (in press); Kew 4: 164-165; Klášterský p. 136 (q.v. for further biogr. refs.); Langman p. 544; Roon p. 83.
Anon., Preslia 9: 94. 1930 (address list).
Klášterský, I., Preslia 34: 335-347. 1962 (70th birthday; tribute; portr. bibl.).
Klika, J., Preslia 24: 216-217. 1952 (both birthday, tribute).
Stařý, F., Preslia 45: 183-185. 1973 (additional bibl. 1965-1972).

6910. Naše příroda v obrazech ... *Rostliny* ... v Praze [Praha] (Vesmír, ...) 1937-1941, 2 vols. (*Rostliny*).
Artist: Karel Svolinský.
1: 1941, p. [1], *col. pl. 1-158*, p. [i]-xiv.
2: 1937, p. [1-2], *col. pl. 1-115*, p. [i]-xix.
Copy: FI.

Novák, Josef (1846-1917), Czech botanist and high school teacher at Německý Brod (Deutschbrod, Havlíckův Brod) 1874-1886, later at Jicín (Jitschin). (*J. Novák*).

HERBARIUM and TYPES: PR.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 15; BM 3: 1454; CSP 17; 567; Futák-Domin p. 431; GR p. 666, cat. p. 69; Jackson p. 505; Klášterský p. 136-137; LS 19144-19145, suppl. 20240-20242; Maiwald p. 232.
Anon., Preslia 48(2): 188. 1876 (b. 10 Jun 1846, d. 17 Sep 1917).
Burgerstein, J., Österr. bot. Z. 36: 97, 129, 130. 1886 (publ. in school programs); 63: 217, 219. 1913.

6911. *Die Flechten der Umgebung von Deutschbrod* nebst einem Verzeichnis der überhaupt in Böhmen entdeckten Arten ... Prag (In Commission bei Fr. Rivnáč) 1893. Oct.
Publ.: 1893 (Bot. Zeit. 16 Nov 1893; Nat. Nov. Nov(1) 1893; ÖbZ Nov 1893), p. [1]-65 [66, index]. *Copy*: G. – Arch. naturwiss. Landesdurchforsch. Böhmen 7(1) (Bot.). 1893. – Preliminary publications in Programm Realobergymnasiums Deutschbrod 1878, 1884 (n.v.).

Nowell, John (1802-1867), British handloom weaver and bryologist at Todmorden, Yorkshire. (*Nowell*).

HERBARIUM and TYPES: TOD (not traced); further material at E, MANCH and OXF.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 15; BB p. 231; BL 2: 275, 696; BM 3: 1454; Clokie p. 218; Desmond p. 469 (q.v. for biogr. refs.); De Toni 1: xciii, 2 lxxxvii; IH 2: (in press); Kew 4: 167; Moebius p. 105; Rehder 5: 628; TL-2/262; Tucker 1: 524.
Crump, W. B., & C. Crossland, The flora of the parish of Halifax lx-lxi. 1904 (d. 28 Oct 1867; mentions obit. in The Manchester Guardian 5 Nov 1867).
Dallman A. A. and M. H. Wood, Trans. Liverpool bot. Soc. 1: 83, 231, 1909.
Hedge, I. C., & J. M. Lamond, Index coll. Edinb. herb. 115. 1970 (bryo. E).
Kent, D. H., Brit. herb. 71. 1957 (herb. formerly at TOD).
Scott, L. I., The Naturalist 879: 155-156. 1961.
Shaw, G. A., The Naturalist 924; 5-6. 1973.

COMPOSITE WORKS: The mosses of the county, *in* J. G. Baker and J. Nowell, *Suppl. fl. Yorkshire*, see TL-2/262 under H. Baines.

EPONYMY: *Nowellia* Mitten (1870). *Note*: *Nowellia* F. L. Stevens (1924) was named in honor of W. Nowell, a researcher on fungi in Trinidad.

Nüesch, Emil (1877-1959), Swiss high school teacher and mycologist at St. Gallen, Dr. phil. h.c. Zürich 1942. (*Nüesch*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Kelly p. 161; Kew 4: 167; LS 19151, suppl. 20292-20331.
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Saxer, F., Ber. Tätigk. St. Gall. naturw. Ges. 76: 79-82. 1959 (obit., portr., bibl.,).

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Extract: "*Die gefährlichsten holzzerstörenden Pilze der Häuser* Bau, Merkmale, Lebensweise, Holzzersetzung und Bekämpfung ..." St. Gallen (id.) 1919. Oct., frontisp. (col.), p. [i]-v, [1]-90. *Copy*: Stevenson.

6914. *Die Röhrlinge* (Pilzgattung Boletus) Bestimmungsschlüssel und Beschreibung aller Röhrlinge Mitteleuropas ... Frauenfeld (Verlag von Huber & Co.) 1920. Oct. (*Röhrlinge*).
Publ.: 1920 (p. [iii]: 1 Aug 1920), p. [i-iii], [1]-43. *Copies*: BR, FH, Stevenson.

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Publ.: 1922 (p. [3]: Jan 1922; Nat. Nov. Dec 1922), p. [1]-66. *Copy*: BR.

6917. *Die Ritterlinge* Monographie der Agaricecn-Gattung Tricholoma mit Bestimmungsschlüssel ... Heilbronn a. Neckar (Carl Rembold A. G. ...) 1923. Oct. (*Ritterlinge*).
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Nuttall, Lawrence William (1857-1933), American mine-owner, botanist and plant collector at Nuttallburg, Fayette County, West Virginia; in San Diego from 1927. (*L. Nutt.*).

HERBARIUM and TYPES: PAC, WVA; other material BPI, CUP, F, MICH, NY, SD.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 17; BL 1: 168, 221, 311; BM 7: 944; Bossert p. 290; CSP 17: 576; GR p. 235; IH 2: (in press); Kew 4: 169; Lenley p. 316; Pennell p. 615; Rehder 5: 628; Stevenson p. 1253.
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(2) Millspaugh, C. F. & L. W. Nuttall, *Flora of West Virginia*, Field Columbia Mus. Bot. 1(2) 69-276. Jan 1896.

Nuttall, Thomas (1786-1859), British naturalist; pioneer scientific explorer of the United States 1808-1841, at Philadelphia 1808-1810, to St. Louis and up the Missouri 1810-1812, in England 1812-1815, mainly Philadelphia 1815-1818, to the U.S. Southwest 1818-1820, at Philadelphia 1820-1822, at Cambridge, Mass. 1823-1834, to the Far West and around Cape Horn 1834-1836, at Philadelphia 1836-1842; in England from 1841 except for a visit to Philadelphia 1847-1848. (*Nutt.*).

HERBARIUM and TYPES: The Nuttall herbarium (5.750 species, acquired 1860) is at BM. However it would appear that up to the publication of the "Genera . . . in 1818 he kept few or no specimens for himself, presenting a complete series of his plants to the Academy of Natural Sciences (PH) so that there repose his early types" (Pennell 1936). Further Nuttall specimens are found in CGE, DUKE, DWC, E, F, FI, G, GH, K, LIV, MANCH, MO, NY, OXF.

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Subject index to refs.: *Bibliographical notes*: Graustein (1967), Harshberger (1899), Lubrecht (1967), Merrill (1937, 1947), Reveal & Spevak (1967), Smith & Thieret (1959), Stuckey (1968: many secundary refs.); BM, CSP, DSB, Jackson, Kew, Krempelh., ME, MW, NAF, Pritzel, TL-1, TL-2; *Biographies*: Anon. (1898), Barnhart (1926, 1928), Beidleman (1960), Chichester (1895), Dallman (1909), Graustein 1867 (main biography), Leonard (1889), Powers (1925), Small (1923), Smith (1957), Stone (1934); AG, BB, DAB, DNB, Desmond, GR, ME, SK, Zander; *Collections*: Candolle (1880), Gordon (1943), Hedge (1970), Jackson (1901), Miller (1970), Muray (1904), Pennell (1936, 1950), Piper (1906), Schofield (1978), Steinberg (1977), Stuckey (1967); IH, Lasègue, LS, Pennell, Urban-Berl.; *Diary*: Graustein (1952); *Evaluation*: Graustein 1967; Smith & Thieret (1959).
Geographical localities (journeys): *Arkansas*: Beidleman (1956), Palmer (1927); *California*: Bremer (1880), Coville (1899), Eastwood (1939), Ewan (1955), Jepson (1934); *Delaware*: Tatnall (1940); *Harvard*: Gager (1936), Sutton (1970) *Iowa*: Pammel (1921); *Michigan*: Voss 1978 (see also Old Northwest); *Ohio valley*: Stuckey (1966); *Old Northwest* (*Great*

Lakes region): Graustein (1952), Stuckey (1967); *Oregon*: Hughes (1940); *Philadelphia*: Harshberger (1899); *Red River*: Geiser (1956); *St. Louis*: Spaulding (1909); *San Francisco*: Thomas (1969); *West Virginia*: Boone (1965);

Journeys: see *Geographical* and *Overland* journeys. *Horticulture*: Hedrick (1950). *Mycology*: Rogers (1977). *Nomenclature*: Fernald (1913, 1942, 1944), Little (1943). *Obituaries*: Booth (1861), Durand (1860), Thieret (1959). *Ornithology*: Allen, E. G. (1951). *Overland journeys*: Jepson 1934, McKelvey (1955).

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Taxa: *Cacti*: Mitich (1977). *Cirsium*: Ownbey (1952). *Rhododendron* (*Indian*): Ludlow (1972). *Thlaspi*: Stuckey (1967).

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Ed. 1: 1827, p. [i]-xi, [1]-360, *pl. 1-12* (uncol. liths. Whitfield). *Copies*: MO, US, USDA. – Two issues: (a) imprint Boston/Cambridge (e.g. US), (b) id. Cambridge/Boston (e.g. MO).
Ed. 2: 1830, p. [i]-xi, [1]-363, *pl. 1-12* (id.). *Copies*: MO, US, USDA. – Second edition, with additions. Cambridge (published by Hilliard and Brown, . . .) 1830. Duod. (in sixes).
Ref.: Anon., Amer. J. Sci. 8(1): 99-106. 1827.

6925. *Description of two new genera of the* natural order *Cruciferae* ... [J. Acad. nat. Sci. Philadelphia] 1825.
Publ.: Nov 1825 (ME 2: 143), *in* J. Acad. nat. Sci. Philadelphia 5: 132-135.

6926. *A catalogue of a collection of plants made chiefly in the valleys of the Rocky Mountains* or Northern Andes, towards the sources of Columbia River, by Mr. Nathaniel B. Wyeth, and described by T. Nuttall [J. Acad. nat. Sci. Philadelphia] 1834. Qu.
Collector: Nathaniel Jarvis Wyeth (1802-1856).
Publ.: 28 Oct 1834 (ME 2: 144, 156), *in* J. Acad. nat. Sci. Philadelphia 7(1): [5]-60, *pl. 1-8* (uncol. liths.). *Copy*: NY.

6927. *A description of some of the rarer or little known plants indigenous to the United States*, from the dried specimens in the herbarium of the Academy [J. Acad. nat. Sci. Philadelphia] 1834. Qu.
Publ.: 28 Oct 1834 (ME 2: 156), J. Acad. nat. Sci. Philadelphia 7(1): 61-115, *pl. 9-12.*

6928. *Collections towards a flora of the Territory of Arkansas* ... [Trans. Amer. philos. Soc., Philadelphia] 1835-1841. Qu.
[*1*]: Jan 1835, Trans. Amer. philos. Soc. n.s. 5: 139-160 (rd. London, Geol. Soc., 1 Feb 1835).
[*2*]: late 1835, id. 5: 161-184 (rd. London Geol. Soc., 16 Jun 1836).
[*3*]: early 1836, id. 5: 185-203 (rd. London Geol. Soc., 16 Jun 1836).
Copies: G, MO, USDA.

6929. *Descriptions of new species and genera* of plants in the natural order *of the Compositae*, collected in a tour across the continent to the Pacific, a residence in Oregon, and a visit to the Sandwich Islands and Upper California, during the years 1834 and 1835 [Trans. Amer. philos. Soc.] 1840-1841.
1: Oct-Dec, *in* Trans. Amer. philos. Soc. n.s. 7: 283-356 (rd. London Geol. Soc. 12 Mai 1841).
2: 2 Apr 1841, *in* id. 7: 357-453 (rd. London Geol. Soc. 10 Jul 1841; Boston Soc. Nat. Hist. 2 Jun 1841).
Ref.: Greene, E. L., Erythea 3: 177-178. 1895.

6930. *The North American Sylva*; or, a description of the forest trees of the United States, Canada, and Nova Scotia, not described in the work of F. Andrew Michaux, and containing all the forest trees discovered in the Rocky Mountains, the Territory of Oregon, down to the shores of the Pacific and into the confines of California, as well as in various parts of the United States. Illustrated by 122 fine plates. By Thomas Nuttall, ... in three volumes. Vol. I. [II,III.] being the fourth [fifth, sixth] volume of Michaux and Nuttall's North American Sylva. Philadelphia [1: J. Dobson, ... ; 2: Townsend Ward ... ; 3: Smith & Wistar, ...] 1842, 1846, 1849. Qu. (*N. Amer. Sylv.*).
Original work: see F. A. Michaux and T. Nuttall, North American Sylva, under F. A. Michaux, nos. 5962, 5964-5966.
Orig. edition: 1842-1849. *Copies*: NY (vol. 3), USDA (vols. 1-3).
1(1): med. 1842 (see Smith and Thieret 1959), p. [1]-56 (with 19 of the plates listed under 1(2)).
(*2*): Jul-Dec 1842, [i]-xii, 57-136, *pl. 1-5, 5bis, 6-10, 10bis, 11-29, 32-40* (col. liths. G. West). – Smith and Thieret found no evidence supporting the suggestion found in several sources, that 1(2) appeared in 1843.
2: 1846, p. [i-ii], [1]-123, *pl. 41-80* (col. liths. J. T. French).
3: 1849, p. [i-ii], [1]-148, *pl. 81-121* (col. liths. G. Worley).
Re-issue: 1849, 3 vols. *Copy*: MO. – "... 122 fine plates ..." Philadelphia (Smith & Wistar) 1849. Qu.
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2: 1849, p. [i-ii], [1]-123, *pl. 41-80* (id.) (*pl. 65* as "*66*" and v.v.).
3: 1849, p. [i-ii], [1]-148, [149-152, index], *pl. 81-121* (id.).
Re-issue: 1852, mentioned by Smith and Thieret; not seen by us.
Re-issue: 1853, 3 vols. *Copy*: MO – "... 121 fine plates ..." Philadelphia (Robert P. Smith, ...) 1853. Qu.

1: 1853, p. [i]-xii, [1]-136, *pl. 1-5, 5 bis, 6-10, 10bis, 11-29, 32-40* (id.).
2: 1853, p. [i-ii], [1]-123, *pl. 41-80* (id.).
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Re-issue: 1855, mentioned by Smith and Thieret; not seen by us.
Two volume edition [1]: 1857. *Copies*: MICH, MO, NY. – "... illustrated by 121 colored plates ... Three volumes in two. Vol. I [II]. Being the fourth [in II also "fourth"] volume of Michaux and Nuttall's North American Sylva. Philadelphia (published by D. Rice and A. N. Hart, ...] 1857. Oct.
1: 1857, p. [1]-207, *pl. 1-5, 5 bis, 6-10, 10bis, 11-29, 32-60*.
2: 1857, p. [1]-215, *pl. 61-64, 66(=65), 66-121*.
Re-issue [2]: 1859. *Copies*: G, MICH, NY, USDA (no plates). – Philadelphia (published by D. Rice & A. N. Hart, ...) 1859. Oct.
1: 1859, p. [1[-207, *pl. 1-5, 5bis, 6-10, 10bis, 11-29, 32-60*.
2: 1859, p. [1]-215, *pl. 61-64, 66, 66-121*.
Re-issue [3]: 1865. *Copies*: MO, US, USDA. – Philadelphia (published by Rice, Rutter & co., ...) 1865. Oct.
1: 1865, p. [1]-207, *pl. 1-5, 5 bis, 6-10, 10bis, 11-29, 32-60*.
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1: [1]-207, *pl. 1-5, 5bis, 6-10, 10bis, 11-29, 32-60*.
2: [1]-215, *pl. 61-64, 66, 66-121*.

6931. *Description and notices of new or rare plants* in the natural orders Lobeliaceae, Campanulaceae, Vaccineae, collected in a journey over the continent of North America, and during a visit to the Sandwich Islands, and Upper California. [Trans. Amer. philos. Soc. ser. 2. 8. 1842]. Qu.
Publ.: 15 Dec 1842 (Proc. Acad. Philadelphia 1: 227; fide Barnhart), Trans. Amer. philos. Soc. ser. 2. 8: 251-272. 1842.

6932. *Descriptions of plants collected by Mr. William Gambel* in the Rocky Mountains and Upper California ... [Proc. Acad. nat. Sci. Philad'a]. Feb 1848. Oct.
First ed.: *in* Proc. Acad. nat. Sci. Philadelphia 4: 7-26. 21 Mar-4 Apr 1849; reprinted with independent pagination, p. [1]-20. *Copies*: PH, US (incompl.). – Authorization to print the paper was given in the session of 29 Feb 1848; it is unlikely that the reprint came out earlier than the *Proceedings*.
Second ed.: *in* J. Acad. Sci. Philadelphia ser. 2. 1(2): 148-189. 1-8 Aug 1848. *Copy*: G. – "Description of plants collected by William Gambel, M. D. [degree awarded Mar 1848], in the Rocky Mountains and Upper California.
Ref.: Reveal, J. L. and Spevak, V. S., Taxon 16: 407-408. 1967.

6933. *Descriptions of and observations on some species of Rhododendron*, collected in Assam and Bootan by Thomas J. Booth; ... [J. Bot. Kew Garden Misc. 5, 1853]. Oct.
Collector: Thomas Jonas Booth (1829-?), nephew of T. Nuttall.
Publ.: Dec 1853 (in journal), p. [1]-15. *Copies*: NY, PH. – Reprinted (neither imprint nor statement of origin given) from W. J. Hooker, J. Bot. Kew Gard. Misc. 5: 353-367. Dec 1853. See Ludlow 1972 (on localities).

Nyárády, Erasmus Julius (1881-1966), Roumanian (Transylvanian) botanist; studied at Budapest; from 1922 at Cluj. (*Nyár.*).

HERBARIUM and TYPES: CL; also in CLA, CLCB; further material at A, BP, DBN, E, GB, GH, W.

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NOTE: Nyárády's first publication came out in 1903 (Pedag. Lapok 3: 74-77. 1903), his last in 1966 (Cyperaceae, Flora RPR (in collaboration) 11: 613-848. 1966).

6934. *Studiu preliminar asupra unor specii de Alyssum* din secţia Odontarrhena/Vorstudium über einige Arten der Sektion Odontarrhena der Gattung Alyssum ... Cluj (Tip. "Ardealul") 1927-1929. Oct.
Publ.: 1 Sep 1929, p. [1]-218, *pl. 1-10* with text, [1, err.]. *Copy*: G. – Reprinted and to cited from Bulet. Grăd. bot. Muzeul. bot. Univ. Cluj 7(1-2): 3-51 (reprint p. 1-51). 15 Jan 1928; 7(3-4): 65-160 (reprint p. 52-146). 28 Nov 1928; 8(2-4): 152-156 (reprint p. 147-150). 26 Mar 1929; 9(1-2): 1-68 (reprint p. 151-218). 1 Sep 1929.

Nygaard, Gunnar (1903-x), Danish algologist and limnologist; cand. mag. 1929; high school teacher at Sønderborg (1935), Ordrup (1954), Frederiksborg (1952). (*Nygaard*).

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Authorship: anonymous, but botanical part by A. E. Nylander and Anders Herman Chydenius (1833-1896), fide Saelan p. 354, Elfving (1921) p. 80; the zoological part by A. H. Chydenius, fide Acta Soc. Fauna Fl. fenn. 24: 198. 1909.
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Nylander, Fredrik (1820-1880), Finnish botanist and physician; Dr. phil. Helsinki 1844; M. D. Helsinki 1853; from 1865 town surgeon of Oulu; brother of William Nylander. (*F. Nyl.*).

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6936. *Spicilegium plantarum fennicarum,* quod venia amplissimi philosophorum ordinis ad Alxandream [sic] in Fennia universitatem, p.p. Fredericus Nylander, ... in auditorio philosoph. die xxxi maji mdcccxliii. h.a.m.s. Centuria prima. Helsingforsiae [Helsinki] (ex officina typographica Frenckelliana) [1843]. Oct. (*Spic. pl. fenn.*).
Cent. 1: 31 Mai 1843, p. [i,iii], [1]-31.
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Copies: NY(1,2), UC (inf. R. Schmid).
Ref.: Bot. Zeit. 2: 545-546. 1844 (rev.).

6937. *Eriophori monographia* auctore Fredrico Nylander Helsingforsiae [Helsinki] (ex officina typographica A. W. Gröndahl) 1852. Qu.
Publ.: 1852, p. [1]-23. *Copies*: B-S, MICH, MO. – Reprinted and to be cited from Acta Soc. Sci. fenn. 3(1): 1-23. 1852.

Nylander, William (1822-1899), Finnish lichenologist; M. D. Helsinki 1847; to Paris at the Muséum d'Histoire naturelle (1848); first professor of botany at the University of Helsinki 1857-1863; from 1863-1899 again in Paris. (*Nyl.*).

HERBARIUM and TYPES: H (51.000 lichens); library, notebooks and miscellaneous papers also at H. Many types also at BM, PC and S. Correspondence at Helsinki University Library. – *Exsiccatae* (see also Sayre 1969):
(1) *Herbarium lichenum parisiensium,* fasc. 1-3, nos. 1-150, Paris 1855-1857, sets at BM, C, E, FH, G, H, PC, S, W (20 sets issued). Fasc. 3 issued Dec 1857 (T. Ahti).
(2) *Lichenes mont-dorienses,* fasc. 1-3, nos. 1-111, Paris 1856, sets at DUKE, E, H.
(3) *Lichenes pyrenaeorum orientalium,* nos. 1-78, sets at BM, FH, H, KIEL, MSTR.
(4) with N. I. Fellman, *Lichenes arctici collecti aestate 1863 in Lapponia orientali,* nos. 1-224, Helsinki 1865.
(5) See J. P. Norrlin for *Herbarium lichenum fenniae.*

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(2) For a recent introduction by T. Ahti to N's life and works, with annotated bibliography and a description of his herbarium see vol. 1 of William Nylander's collected lichenological papers (see below TL-2/6979) in press. The manuscript of Dr. Ahti's introduction and bibliography were kindly made available to us for the preparation of the present treatment.

COMPOSITE WORKS: (1) *Lichenes, in* J. Triana & J. E. Planchon, Prodr. fl. novo-granat. 2: 1-148 (Ann. Sci. nat. Bot. ser. 4. 19: 286-382. 1863, 20: 221-279) 1865; add. p. 533-586 (ib. ser. 5. 7: 301-354) 1867.
(2) editor, with E. Bescherelle, of E. Fournier, *Mexic. pl.*, pars prima, *Cryptogamia,* 1872, see TL-2/1835.

EPONYMY: *Nylandera* P. Hériot (1890); *Nylanderaria* O. Kuntze (1891); *Nylanderiella* Hue (1914); *Nylanderopsis* V. Gyelnik (1935).

6938. *Observationes adhuc nonullae ad synopsin lichenenum holmiensium,* auctore W. Nylander. Holmiae [Stockholm] (impressit Joh. Beckman) 1853. Oct.
Publ.: Jun-Jul 1853 (in journal), p. [1]-8. *Copies*: BR, G, NY. – Reprinted from Bot. Not. 1853: 92-99. To be cited from journal.

6939. *Collectanea lichenologica* in Gallia meridionali et pyrenaeis, . . . Holmiae [Stockholm] (Johannes Beckmann) 1853. Oct.
Publ.: Oct-Nov 1853 (in journal; Bot. Zeit. 26 Aug 1853; not yet publ.), p. [1]-16. *Copies*: BR, FH, G, NY. – Reprinted from Bot. Not. 1853: 151-165. To be cited from journal.

6940. *Essai d'une nouvelle classification des lichens* [Mém. Soc. Sci. nat. Cherbourg] 1854. Oct.
Publ.: Jan-Mar 1854 (before 21 Apr 1854 see Flora below), p. [5]-16. *Copies*: FH(2), FI, G,

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6941. *Monographia Calicieorum.* Specimen academicum qoud venia amplissimi ordinis physico-mathematici ad imperialem Alexandraeam in Fennia Universitatem publice examini subjicit William Nylander, ... in auditorio historico philologico die 30 maji 1857 h.a.m.s. [Helsinki] (Ex officina Typographica Frenckellian.) [1857]. Oct. (*Monogr. Calic.*).

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6942. *Prodromus lichenographiae Galliae* et *Algeriae*, quem conscripsit William Nylander, Dr. M. ... Burdigalae [Bordeaux] (ex typis Th. Lafargue, bibliopolae, ...) 1857. Oct.

Publ.: 1 Sep 1857 (t.p. journal issue; BSbF rev. 8 Nov 1857, publ. by 27 Jun 1857 (see 4: 701); on 11 Aug 1857 not yet finished, fide letter N. to Mougeot; 2 copies of reprint mailed by N. to Mougeot on 31 Oct 1857 (T. Ahti)), p. [i-ii], [1]-221. *Copies*: FH, FI, Stevenson. – Reprinted from Act. Soc. Linn. Bordeaux 21(4/5): [249]-467. 1 Sep 1857. To be cited from journal.

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Ref.: Mougeot, Bull. Soc. bot. France 4: 916-924. 1858.

6943. *Énumération générale des lichens*, avec l'indication sommaire de leur distribution géographique, ... Cherbourg (Bedelfontaine et Syffert, ...) 1858. Oct. (*Énum. gén. lich.*).

[*1*]: 24-30 Mar 1858 (copy presented to Soc. bot. France 9 Apr 1858; Flora rd. 28 Mar-7 Apr 1858; journal rd. id. 8 Nov 1858; not yet printed 16 Mar 1858; printed but not yet forwarded 24 Mar 1858; 30 Mar 1858 copy sent from Paris to Mougeot, letters N to M (inf. T. Ahti), p. [i, iii], [85]-146, preprinted from Mém. Soc. imp. Sci. nat. Cherbourg 5: [85]-146. 1858.

[*2*]: Jan-Jul 1858 (journal rd. Soc. bot. France 8 Nov 1858; Flora rd. Aug-Sep 1858), p. [332]-339, reprinted from idem, p. 332-339.

Copies of reprints with above title and containing both parts: FH, G, NY, Regensburg, Stevenson. – To be cited from journal.

Ref.: Anon., Flora 41: 208. 1858, 41: 578. 1858.

6944. *Expositio synoptica pyrenocarpeorum* ... Andecavis [Andegavis, Angers] (Ex typis Cosnier et Lachnèse, ...) 1858. Oct. (*Expos. syn. pyrenocarp.*).

Publ.: 1-14 Aug 1858 (23 Jun 1858 not yet publ., 3 Aug 1858 copy sent, 14 Aug 1858 6 copies sent to Mougeot, letters N to M (inf. T. Ahti)), p. [1]-88. *Copies*: FH, FI, NY, Stevenson, USDA. – Preprinted or reprinted from Mém. Soc. Acad. Maine-et-Loire 4: 5-88. 1858.

6945. *Synopsis methodica lichenum* omnium hucusque cognitorum praemissa introductione lingue gallica tractata ... Parisiis (ex typis L. Martinet, ...) 1858-1869. Oct. (*Syn. meth. lich.*).

1(1): 8-14 Aug 1858 (p. 86: Jun 1858; Flora 21 Jul 1858 "soeben"; "Anfang Juli" in letter to Arnold 5 Jun 1858; however: 8 Aug 1858, to be published in 3-4 days; 14 Aug 1858, 20 copies sent to Mougeot fide letters N to M (inf. T. Ahti), p. [i-iii], [1]-140.

1(2): Apr 1860 (letter to Arnold 30 Jun 1860: "vor zwei Monaten"; publ. by Jun 1860, BSbF 7: 2. 1860), p. [i], 141-430, [i]-iv, *pl. 1-8* (col. liths. auct.); a t.p. "Tomus primus cum viii tabulis aeri incisis et coloratis" Parisiis (id.) 1858-1860 was issued with this second part (see e.g. reprint [2]).

2(1): 1869 (Saelan p. 359; Norrlin (1913), p. 37-38), p. [1]-64, [1, err.], *pl. 1* [=*9*]; all published. Plate 1 publ. 1888?

Copies: B-S, BR, FH, FI, G, MICH, NY(3), Stevenson, USDA; IDC 6224.

Index nominum: 1907 (Nat. Nov. Aug(2) 1907), p. [i], [1]-37. *Copies*: FH, NY, USDA. – "*Index nominum* omnium receptorum atque synonymorum nec non iconum quae Nylanderi Synopsis lichenum complectitur auctore Prof. Dr. G. Lindau [Gustav Lindau 1866-1923] (Verlag von W. Junk, ...) 1907. Oct., see TL-2/4557.

Reprint [*1*]: 1902, Paris (Hermann), fide Rev. bryol. 29(3): 72. 1902, Bot. Centralbl. 10 Feb 1903.
Facsimile reprint [*2*]: 1967, *in* Nylander, W., Coll. pap. vol. 5, 1967 (with *Index. nom.*).
Ref.: Anon. [Mougeot?], Bull. Soc. bot. France 7: 50-55. 1860 (1(1,2)).

6946. *Herbarium musei fennici.* Förteckning öfver Finska Musei växt samling, utgifven af Sällskapet pro fauna et flora fennica och uppgjord af W. Nylander och Th. Saelan. Med en karta. Helsingfors [Helsinki] (Finska Litteratur – Sällskapets Tryckeri) 1859. Oct. (in fours). (*Herb. mus. fenn.*).
Co-author: Anders Thiodolf Saelan (1834-1921).
Publ.: Jun 1859 (Elfving (1921); copy presented to Soc. bot. France before 22 Jul 1859; Flora rd. 28 Apr-7 Jul 1859), p. [1]-118, map. *Copies*: BR, G, FI.
Ed. 2, vol. 1, *Plantae vasculares*, xix, 156 p. 1889, by A. O. Kihlman, publ. Mar-13 Mai 1889.
Ref.: Anon., Bull. Soc. bot. France 6: 430-431. 1859.
Schlechtendal, D. F. L. von, Bot. Zeit. 17: 268-269. 5 Aug 1859.

6947. *Analyses mycologicae* scripsit William Nylander. (Aftryck ur Sällskapets pro Fauna et Flora fennica Notiser, Ny Serie, 1 Häftet.) Helsingfors (Finska Litteratur-Sällskapets Tryckeri) 1859. Oct.
Publ.: 1859 (Flora rd. 7-28 Sep 1859), p. [119]-126. *Copy*: FH. – Reprint with special cover (with above text) from Not. Sällsk. Fauna Fl. fenn. Förh. 4: 119-126. 1859, also issued as Bidr. Finl. Naturk. 3: 119-126. 1859.

6948. *Lichenes scandinaviae* sive prodromus lichenographiae scandinaviae . . . Helsingforsiae [Helsinki] (ex typis Simelii Haeredum) 1861. Qu. (*Lich. scand.*).
Publ.: Jun-Jul 1861 (p. 14: 27 Oct 1860; BSbF Aug 1861; 31 Mai 1861 still in proof, letter to Arnold; "printemps 1861" letter to Stizenberger, 30 Mar 1864 (T. Ahti)), p. [i], [1]-312, *pl. 1* (col. lith.). *Copies*: BR, FI, NY, Stevenson; IDC 478. – Also issued as Not. Sällsk. Fauna Fl. fenn. Förh. 5: 1-312, *pl. 1.* 1861.
Facsimile repr.: 1967, in Nylander, W., *Coll. pap.* vol. 5 (journal issue); also separately ISBN 3-7682-0459-6.
Ref: Schlechtendal, D. F. L. von, Bot. Zeit. 19: 383. 20 Dec. 1861.

6949. *Lichenographiae novo-gratensis prodromus* . . . Helsingforsiae (e Typis Societatis Litteraturae fennicae) 1863. Qu. (*Lichenogr. novo-grat. prodr.*).
Publ.: 1863 (after 19 Jan 1863, date of presentation mss.), p. [1]-90, *pl. 1-2* (partly col., auct.). *Copy*: H. – Alternative title on cover: "*Prodromus florae novo-granatensis* auctoribus J. Triana et J. E. Planchon. *Lichenes* redegit William Nylander." Preprinted or reprinted from Acta Soc. Sci. Fenn. 7: [415]-504, *pl. 1-2.* 1863. – See below for the final edition in Triana & Planchon. – The Helsinki copy of this rare reprint belonged to W. Nylander and was copiously annotated by him.

6950. *Prodromus florae novo-granatensis. Lichenes* redegit William Nylander. Parisiis (e typis E. Martinet . . .) 1864. Oct. [title on cover]. (*Prodr. fl. novo-granat., Lich.*).
Publ.: 1864 (date on cover), p. [1]-148, *pl. 1-2* (partly col., auct.); additamentum [dated 1867] p. [533]-586. *Copy*: H (Nylander's copy: copiously annotated). Reprinted and partly preprinted from
(1) Ann. Sci. nat., Bot. ser. 4. 19(5): 286-320 late 1863 or Jan-Feb 1864, (6): 321-382. late 1863 or Jan-Feb 1864;
(2) ib. ser. 4. 20(4): 228-256. med. 1864, (5): 257-281. med. 1864;
(3) ib. ser. 5. 7(5): 301-320, (6): 321-354. 1867. Editors of the *Prodromus*: J. Triana & J. E. Planchon, q.v.

6951. *Lichenes in Aegypto a cel. Ehrenberg collecti* [Act. Soc. Linn. Bordeaux 1864]. Oct.
Collector: Christian Gottfried Ehrenberg (1795-1876).
Publ.: 1864 (Flora rd. 12 Jul-31 Aug 1874), p. [1]-8. *Copies*: BR, FH, G. – Reprinted and to be cited from Acta Soc. Linn. Bordeaux 5: 59-66. 1864.

6952. *Addenda nova ad lichenographiam europaeam* [Flora, Regensburg, 1865-1887]. Oct.
Publ.: A series of 48 papers published in *Flora.* Several instalments were also reprinted;

however, references should always be to *Flora*. A systematically arranged reprint was published by A. Hue, also treated in this paragraph. For partial reprints e.g. in Ann. Mag. nat. Hist. and Grevillea, see Saelan.

number	*Flora*		date
orig.	48:	601-606	28 Dec 1865
cont. 1	49	84-87	24 Feb 1866
2		369-374	22 Sep 1866
3		417-421	15 Oct 1866
4	50:	177-180	26 Apr 1867
5		326-330	17 Jul 1867
6		369-374	17 Aug 1867
7	51:	161-165	6 Mai 1868
8		342-348	30 Aug 1868
9		473-478	8 Nov 1868
10	52:	81-85	10 Mar 1869
11		293-298	1 Jul 1869
12		409-413	25 Sep 1869
13	53:	33-38	22 Feb 1870
14	55:	353-365	11 Aug 1872
15	56:	17-23	11 Jan 1873
16		289-300	1 Jul 1873
17	57:	6-16	1 Jan 1874
18		305-318	11 Jul 1874
19	58:	6-15	1 Jan 1875
20		102-106	1 Mar 1875
21		297-303	1 Jul 1875
22		358-364	11 Aug 1875
23		440-448	1 Oct 1875
24	59:	231-239	21 Mai 1876
25		305-311	11 Jul 1876
26		571-578	21 Dec 1876
27	60:	220-224, 225-233	11 Mai, 21 Mai 1877
28		457-463	11 Oct 1877
29		562-568	21 Dec 1877
30	61:	241-249	1 Jun 1878
31	62:	201-207, 220-224	1 Mai, 11 Mai 1879
32		353-362	11 Aug 1879
33	63:	10-15	1 Jan 1880
34		387-394	1 Sep 1880
35	64:	2-8	1 Jan 1881
36		177-189	21 Apr 1881
37		449-459	11 Oct 1881
38		529-541	1 Dec 1881
39	65:	451-458	11 Oct 1882
40	66:	97-109	1 Mar 1883
41		531-538	1 Dec 1883
42	67:	387-393	21 Jul 1884
43	68:	39-47	21 Jan 1885
44		295-301	21 Mai 1885
45	69:	97-102	1 Mar 1886
46		461-466	11 Oct 1886
47	70:	129-136	21 Mar 1887

Systematically arranged reprint: Hue, A., *Addenda nova ad lichenographiam europaeam* exposuit in Flora ratisbonensi Dr. W. Nylander in ordine vero systematico disposuit A. Hue . . . Paris

(Lechevallier, ...), Berlin (R. Friedländer et Sohn), Auch (Imprimerie et Lithographie G. Foix, ...) 1886[-1888]. Oct.
Publ.: The reprint, in book form, was published in two parts, but consisted of the slightly changed and amended text of three papers in the Rev. gén. Bot. The reprint consists of: *Pars prior*: Dec 1886, p. [1]-126, and *pars posterior*: 1888, p. [127]-371. The concordance with the journal publication is as follows:

Reprint	*Revue gén. Bot.*
3-48	4: 339-384. Jan-Jul 1886
48-173	5: 5-125. Jul-Sep 1886
173 [sic]-371	6: 5-192(7). 1887 or 1888.

Copies: FH, L, NY, Stevenson; see TL-2/3109 (data corrected).
Ref.: Malinvaud, E., Bull. Soc. bot. France 35 (bibl.): 149-150. Jul-Dec 1888 (rev.).

6953. Prodromi lichenographiae supplementum. *Lichenes Lapponiae orientalis* ... Helsingforsiae (ex typis Simelii haeredum) 1866. Oct. (*Lich. Lapp. orient.*).
Publ.: Jun 1866 (t.p. reprint; Bot. Zeit. 26 Apr 1867), p. [i, iii], [103]-192, 1 map. *Copies*: BR, G(2), Stevenson. – Preprinted from Not. Sällsk. Fauna Fl. fenn. Förh. 8: 103-192, 1 map, publ. 1882; see also Saelan p. 368.
Facsimile repr.: 1967, *in* Nylander, W., Coll. papers 5 (journal publ. dated 1882); also separately ISBN 3-7682-0429-4.
Ref.: Anon., Bull. Soc. bot. France 14: 127-128. 1867.
Ahti, T., Int. Lichenol. Newsl. 6(1): 8. 1972 (preprint 1866).

6954. *Synopsis lichenum Novae Caledoniae* ... Caen (Typ. F. Le Blanc-Hardel, Libraire ...) 1868. Oct. (*Syn. lich. Nov. Caled.*).
Publ.: Jan-Feb 1868 (t.p. reprint; Flora rd. 18 Jan-10 Mar 1868; BSbF post 7 Feb 1868; Bot. Zeit. 1 Mai 1868), p. [i-ii], [1]-101. *Copies*: FI, G. – Preprinted or reprinted from Bull. Soc. Linn. Normandie ser. 2. 2: 39-148. (for Feb 1867) 1868. – Types at PC.

6955. *Conspectus synopticus sticteorum* ... Caen (F. Le Blanc-Hardel, imprimeur-libraire ...) 1868. Oct.
Publ.: Jan-Jun 1868 (Bot. Zeit. 3 Jul 1868), p. [1]-10. *Copies*: BR, G. – Reprinted and to be cited from Bull. Soc. Linn. Normandie ser. 2. 2: 498-505. 1868.

6956. *Note sur les lichens de Port-Natal* ... Caen (Typ. de F. Le Blanc-Hardel, imprimeur-libraire ...) 1868. Oct. (*Not. lich. Port-Natal*).
Publ.: 1868 (t.p. preprint; Flora rd. 21 Jan 1869), p. [1]-15. *Copies*: FH, G. – Preprinted from Bull. Soc. Linn. Normandie ser. 2. 3: 4-15 . 1869.

6957. *Observationes circa Pezizas fenniae.* Scripsit W. Nylander. (Synopsis Pezizarum et Ascobolorum Fenniae ... Akad. afh. af P. A. Karsten. Helsingfors 1861). [Helsinki 1868]. Oct. (*Observ. Peziz. fenn.*).
Publ.: Sep 1868 (see Stizenberger), p. [1]-97, *pl. 1-2* (uncol. liths., auct.). *Copies*: FH, NY. – Preprinted from Not. Sällsk. Fauna Fl. fenn. Förh. 10: 1-97, 403-404, *2 pl.* 1869 (for Mai 1868).
Ref.: Stizenberger, E., Bot. Zeit. 27: 99-102. 5 Feb 1869.

6958. *Lichenes angolenses* welwitschiani ... Caen (Imprimerie de F. Le Blanc-Hardel, libraire ...) 1869. Oct.
Collector: Friedrich Martin Josef Welwitsch (1806-1872).
Publ.: early 1869 (reprint; journal late 1868 or early 1869; repr. Flora rd. 10 Sep-10 Oct 1869), p. [1]-16. *Copies*: BR, FH, G. – Reprinted and to be cited from Bull. Soc. Linn. Normandie ser. 2. 2: 508-521. 1868 (or early 1869?).

6959. *Enumération des lichens récoltés par M. Husnot aux Antilles françaises* ... Caen (Typ. F. Le Blanc-Hardel, libraire ...) 1869. Oct.
Collector: Pierre Tranquille Husnot (1840-1929).

Publ.: 1869 (Bot. Zeit. 14 Jan 1870), p. [1]-24. *Copy*: G. – Reprinted and to be cited from Bull. Soc. Linn. Normandie ser. 2. 3: 259-280. 1869.
Ref.: Stizenberger, E., Bot. Zeit. 28: 29-30. 1870.

6960. *Recognitio monographica Ramalinarum* ... Caen (Imprimerie de F. Le Blanc-Hardel, libraire ...) 1870. Oct.
Publ.: 1870 (still unpublished 14 Apr 1870, letter to Arnold), p. [1]-82. *Copies*: FH, G; IDC 1552. – Reprinted and to be cited from Bull. Soc. Linn. Normandie ser. 2. 4: 101 (= p. 3)-180 (=82). 1870.

6961. *Observata lichenologica in Pyrenaeis orientalibus* ... Caen (Typographie de F. Le Blanc-Hardel, libraire ...) 1873.
Publ.: Aug 1873 (S.O. Lindberg rd copy from Nylander 30 Aug 1873), p. [1]-75. *Copies*: *FI, G.* – Reprinted from Bull. Soc. Linn. Normandie ser. 2. 7: 256-328. 1873. Text published *previously* (and hence to be cited from) Flora 55: 424-431. 21 Sep, 545-554. 11 Dec 1872, 56: 65-75. 11 Feb 1873, 193-208. 1 Mai 1873.
Ref.: Anon., Bull. Soc. bot. France 20(bibl.): 225-226. 1874.

6962. *Lichenes insularum Andaman* ... Caen (Typ. de F. Le Blanc-Hardel, libraire ...) 1874. Oct.
Publ.: 1874 (t.p. reprint) p. [1]-23. *Copies*: FH, G. – Reprinted from Bull. Soc. Linn. Normandie ser. 2. 7: 162-182. 1873 (or 1874?). To be cited from journal.

6963. *Lichens rapportés de l'île Campbell* par M. Filhol, ... [Paris, Inst. de France, C. R. hebd. 1876]. Qu.
Publ.: Jul 1876 (p. 4: 3 Jul 1876), p. [1]-4. *Copy*: FH. – Reprinted from C. R. hebd. Inst. France 83: 87-90. Jul 1876. To be cited from journal.

6964. *Lichenes du nord du Portugal* (Extr. do Bol. da Soc. Brot., vi, 1888) Oct. (*Lich. n. Portugal*).
Publ.: 1888, p. [1]-53. *Copy*: see Coll. pap. Preprinted or reprinted from Bol. Soc. Broter. 6: 198-249. 1888.
Facsimile repr.: 1967, *in* Nylander, W., Coll. pap. 4: 7-59. (repaginated).

6965. *Enumeratio lichenum Freti Behringii* ... Caen (Henri Delesques, Imprimeur-libraire ...) 1888. Oct.
Publ.: Jan-Jun 1888 (t.p. reprint; p. 4: 1 Sep 1887; Nat. Nov. Oct(1) 1888; Flora Jul 1888), p. [1]-89. *Copies*: BR, FH, G, NY. – Reprinted and to be cited from Bull. Soc. Linn. Normandie ser. 4. 1: 198-286. 1887 (1888). The FH copy has a sticker on the cover "Paris, Paul Klincksieck ..." – See also N's *Lichenes novi e Freto Behringii*, published in Flora 67: 211-223. 21 Apr 1884, 68: 439-446. 21 Aug, 601-604. 1 Dec 1885.
Ref.: Stizenberger, E., Flora 71: 338. 1888.

6966. *Lichenes Fuegiae et Patagoniae* ... Paris (Imprimerie A. Héloin & E. Charles ...) 1888. Oct. (*Lich. Fueg. Patag.*).
Publ.: Jan-Jun 1888 (p. [2]: 1 Nov 1887, Flora Jul 1888; Nat. Nov. Oct(1) 1888), p. [1]-36. *Copies*: BR, FH, G(2), NY(2), Stevenson; IDC 5390.
Facsimile repr.: 1967, *in* Nylander, W., Coll. pap. 4: 65-100.

6967. *Lichenes Novae Zelandiae* ... Parisiis (e typis Paul. Schmidt) 1888. Oct. (*Lich. Nov. Zel.*).
Publ.: Sep-Dec 1888 or early 1889 (p. 6: 1 Sep 1888; Bot. Zeit. 26 Jul 1889; Flora 15 Mai 1889; Nat. Nov. Jun(1) 1889), p. [i-iii], [1]-156, *pl. 1*. *Copies*: BR, FH, G, NY, Stevenson; IDC 1003.
Facsimile repr.: 1967, *in* Nylander, W., Coll. pap. 4: 101-269. – Also separately as ISBN 3-7682-0508-8.
Ref.: Stizenberger, E., Flora 72: 147-148, 366-367. 1889.

6968. *Lichenes nonnulli ex Insula Principis* ... (Extr. do Bol. da Soc. Brot. v, 1888, pag. 221), Oct.

Publ.: 1888 (BSbF rd. 9 Nov 1888), p. [1]-4. *Copies*: BR, FH. – Reprinted and to be cited from Bol. Soc. Brot. 5: 221-224. 1888.
Reprint: 1967, *in* Nylander, W., Coll. pap. 4: 3-6 (repaginated issue).

6969. *La malice des lichens* ... [Paris. – E. Mauchassat, ... s.d.] Oct. (*Malice lich.*).
Publ.: Jan-Feb 1888 (p. 4: 5 Jan 1888; Nat. Nov. Jun(3) 1888; Flora rd. 21 Feb-21 Mar 1888), p. [1]-4. *Copies*: BR, FH.
Facsimile repr.: 1967, *in* Nylander, W., Coll. pap. 4: 61-64.

6970. *Lichenes insularum guineensium* (San Thomé, do Principe, das Cabras) .... Parisiis (e typis Paul. Schmidt) 1889. Oct. (*Lich. ins. guin.*).
Publ.: Jan-Sep 1889 (p. 6: 1 Jun 1889; Nat. Nov. Oct(2) 1889), p. [i], [1]-54. *Copies*: BR, FH, G(2), NY(2).
Facsimile repr.: 1967, *in* Nylander, W., Coll. pap. 4: 261-316.

6971. *Lichenes Japoniae* ... Parisiis (e typis Paul. Schmidt) 1890. Oct. (*Lich. Jap.*).
Publ.: Jun-Oct 1890 (p. 12: 1 Jun 1890; ÖbZ rd Nov 1890; J. Bot. 1891; Stizenb. rd. Nov 1890; Bot. Zeit. 27 Feb 1891; Nat. Nov. Jan(1) 1891), p. [i, iii] [1]-122. *Copies*: BR, FH, NY(2); IDC 564.
Facsimile repr.: 1967, *in* Nylander, W., Coll. pap. 4: 317-440; also separately ISBN 3/7682-0505-3.
Ref.: Stizenberger, E., Flora 74: 114. 16 Jan 1891 (rev. dated Nov 1890).
Zahlbruckner, A., Bot. Centralbl. 47: 119-121. 1891 (rev.).

6972. *Sertum lichenaeae tropicae* e Labuan et Singapore ... accedunt observationes. Parisiis (E typis Paul. Schmidt) 1891. Oct. (*Sert. lich. trop.*).
Publ.: Jun-Aug 1891 (p. [3]: 1 Jun 1891; Bot. Zeit. 27 Nov 1891; Nat. Nov. Oct(1) 1891; Bot. Centralbl. 16 Sep 1891), p. [1]-48. *Copies*: BR, FH, G, NY(2); IDC 563. – Some of the theoretical considerations on the nature of the gonidia translated, with comments, by J. M. Crombie, Grevillea 6: 41-48. 1877.
Facsimile repr.: 1967, *in* Nylander, W., Coll. pap. 4: 547-594.

6973. *Lichenes Pyrenaeorum orientalium* observatis novis (Amélie-les-Bains, Força-Réal, Costabonne La Massane, Collioure) ... Parisiis (e typis Paul. Schmidt) 1891. Oct. (*Lich. Pyren. orient.*).
Publ.: Dec 1891 ("an der Neige ... 1891", Stizenberger 1892; Bot. Zeit. 27 Mai 1892; Nat. Nov. Jan(2) 1892; BF 28 Jan 1892), p. [i-iii], [1]-103. *Copies*: BR, FH (2), G, NY(2), Stevenson; IDC 1281. – A follow-up of the *Observata lichenologica* ... 1873 (TL-2/6961).
Facsimile repr.: 1967, *in* Nylander, W., Coll. pap. 4: 440-545; also separately as ISBN 3-7682-0507-x.
Ref.: Stizenberger, E., Flora 75: 302-303. 23 Mar 1892 (rev.).
Minks, A., Bot. Centralbl. 53: 43-45. 1893.

6974. *Contribuição para o estudo da flora cryptogama dos Açores* (Extr. do Bol. da Soc. Brot. vol. xii, 1895) Oct.
Publ.: 1895, p. [1]-9. *Copy*: FH. – Reprinted and to be cited from Bol. Soc. Broter. 12: 97-105. 1895.
Fascimile repr.: 1967, *in* Nylander, W., Coll. pap. 4: 595-603.

6975. *Les lichens des environs de Paris* ... Paris (Typographie Paul Schmidt) 1896. Oct. (*Lich. env. Paris*).
Publ.: 1-7 Nov 1896 (Nat. Nov. Nov(2) 1896; 7 Nov 1896 pres. to Soc. F. F. f.; Bot. Centralbl. 17 Nov 1896), p. [i-iv], [1]-142. *Copies*: B, BR, FH, G, NY, Stevenson.
Supplément: Mar-Mai 1897 (p. 2: 30 Mar 1897; Nat. Nov. Jun(1) 1897; Bot. Centralbl. 22 Sep 1897), [1]-20. *Copies*: B, BR, FH, FI, G, NY, Stevenson.
Facsimile repr.: 1967, *in* Nylander, W., Coll. pap. 4: 605-748, 749-768; also separately ISBN . 3-7682-0506-1.

6976. *Énumération des lichens de l'île Annobon* ... Paris (Typographie Paul Schmidt) 1896. Oct. (*Énum. lich. Annobon*).

Publ.: 1 Apr-15 Jun 1896 (Bot. Centralbl. 17 Jun 1896; Bot. Zeit. 16 Aug 1896; Nat. Nov. Jun(2) 1896), p, [1]-8. *Copies*: BR, FH, G(2), NY.
Facsimile repr.: 1967, *in* Nylander, W., Coll. pap. 4: 769-778.

6977. *Les lichens des îles Azores* . . . Bordeaux (J. Durand, imprimeur de la Société linnéenne . . .) 1898. Oct.
Publ.: 1898 (Nat. Nov. Aug(2) 1898), p. [1]-9. *Copies*: BR, FH, FI, NY. – Reprinted from Actes Soc. Linn. Bordeaux ser. 6. 53: 1-7. 1898. To be cited from journal.
Facsimile repr.: 1967, *in* Nylander, W., Coll. pap. 4: 781-788.

6978. *Lichenes ceylonenses* et additamentum ad lichenes Japoniae . . . Helsingforsiae [Helsinki[(ex officina typographica Societatis litterariae fennicae) 1900. Qu. (*Lich. ceyl.*).
Publ.: 1900 (submitted 18 Sep 1899), p. [1]-33. *Copy*: BR. – Acta Soc. Sci. fenn. 26(10), 1900.
Facsimile rep.: 1967, *in* Nylander, W., Coll. pap. 4: 789-821.

6979. William Nylander's *Collected lichenological papers* edited and prefaced by Teuvo Ahti volume iv [v, vi] Reprint . . . Lehre (Verlag von J. Cramer) 1967, 3 vols. Oct. (*Coll. pap.*).
4: Lichenological papers 1888-1900, p. [i-ii], [1]-821.
5: *Synopsis methodica lichenum* . . . p. [i-ii], facs. *Syn. meth. lich.* 1858-1869 and Lindau, G., *Index nom.* 1907.
6: *Prodr. lichenogr. Gall. Alg.* 1857, *Lich. scand.* 1861, *Lich. Lapp. Orient.* 1882.
Copy: FAS. – Vol. 1, Introduction and Lichenological papers 1852-1863, as announced for 1979. This volume contains a biography, bibliography and a description of N's herbarium by T. Ahti. Vol. 2 will contain the lichenological papers 1863-1868 and Addenda Nova ad lichenographiam europaeam (1865-1887), vol. 3: Lichenological papers 1868-1887.
Ref.: Stafleu, F. A., Taxon 16: 209, 443. 20 Oct 1967.

Nyman, Carl Fredrik (1820-1893), Swedish botanist; med. fil. kand. Uppsala 1840; curator ("amanuens") at the botanical dept. of Naturhistoriska Riksmuseum 1855-1889. (*Nym.*).

HERBARIUM and TYPES: S; duplicates in many herbaria. – The original herbarium was small (acquired at Sw. Cr. 500, fide KR); B. Nordenstam informs us that the collection consists of occasional specimens only. – 30 Letters to S. O. Lindberg at University Library Helsinki.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 18; BJI 2: 514, 696; BM 3: 1455, 7: 945; Bossert p. 290; Clokie p. 218; Collander hist. p. 104; Colmeiro 1: cxci; CSP 4: 653, 17: 577; De Toni 1: xciii; DTS 1: 214-215; Frank 3(Anh.): 72; Herder p. 169; Hortus 3: 1201 ("Nym."); IH 2: (in press); Jackson p. 43, 226, 336; Kew 4: 172; KR p. 560-562; Lenley p. 3; Morren ed. 2, p. 31, ed. 10, p. 102; PR 6786-6789 (ed. 1: 7587); Rehder 5: 629; Saccardo 1: 118-119, 2: 78-79, cron. xxviii; SK 1: ccv; TL-1/932, 1182; Tucker 1: 525; Urban-Berl. p. 289, 309, 379; Zander ed. 10, p. 697, ed. 11, p. 795.
Anon., Bot. Gaz. 18: 368. 1893; Bot. Jahrb. 17 (Beibl. 41): 52. 1893; Bot. Not. 1845: 61 (journey Sicily) 1853: 175 (back in Sweden after a year in Vienna); 1893: 136 (b. 14 Aug 1820, d. 26 Apr 1893); Leopoldina 29: 109-110. 1893 (d.); Generalreg. Bot. Not. 1839-1938, p. 64-65, 111. 1939; Österr. bot. Z. 43: 268. 1893 (d.); Verh. bot. Ver. Brandenburg 35: lxxviii, 1894 (d.).
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 115. 1970.
Magnus, P., Verh. bot. Ver. Prov. Brandenb. 35: xxx-xxxi. 1894 (obit.).
Kuntze, O., Rev. gen. pl. 2: 701. 1891 (epon.).
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Simonkai, L., Enum. fl. transsilv. xxvi. 1886.
Stearn, W. T., J. Bot. 76: 113-114. 1938.
Wittrock, V. B., Acta Horti Berg. 3(2): 65, *pl. 11.* 1903(portr.), 3(3): 47. 1905.

COMPOSITE WORKS: Contributed, with Th. Kotschy, to H. Schott, *Analecta botanica* (1854) q.v.

EPONYMY: *Nymania* K. M. Schumann (1905); *Nymanina* O. Kuntze (1891). *Note*: *Nymania* S. O. Lindberg (1868) probably commemorates C. F. Nyman; the derivation of *Nymanomyces* Hennings (1899) could not be determined.

6980. *Synopsis plantarum bicornium europaearum* auct. C. F. Nyman [Stockholm (excudebat J. Beckmann) 1820]. Oct.
Publ.: Aug-Sep 1851 (in journal), p. [1]-20. *Copies*: G, H. – Reprinted, and to be cited from Bot. Not. 1851: 129-148.

6981. *Sylloge florae Europaeae* seu plantarum vascularium Europae indigenarum enumeratio adjectis synonymis gravioribus et indicata singularum distributione geographica . . . Oerebroae (sumptu et typis N. M. Lindh) 1854-1855. Oct. (*Syll. fl. Eur.*).
Publ.: 1855 (in parts 1854-1855?, p. iv: 17 Oct 1854), p. [i]-xxiii, [xxiv], [1]-441, [442, err.]. *Copies*: G(2), H, MO, US, USDA; IDC 649.
Supplementum Sylloges florae Europaeae: 1865 (Flora 21 Oct 1865; Bot. Zeit. 24 Nov 1865), p. [i]-vi, [1]-78. *Copies*: id. – Oerebroae (id.) 1865. Oct.
Ref.: Anon., Bull. Soc. bot. France 2: 703. 1856.
Schlechtendal, D. F. L. v., Bot. Zeit. 14: 41-43. 18 Jan 1856, 23: 358-359. 24 Nov 1865.

6982. *Svensk fanerogam-flora* för skol-ungdom. Urarbetad med hän syn till den k. matem. naturh. läroboks-kommissionens betänkande . . . Örebro (Arb. Bahlin) 1873. Oct. (*Sv. fan.-fl.*).
Publ.: 1873 p. [i]-l, [1]-342, [1, err.]. *Copies*: H, NY.

6983. Utkast till svenska växternas naturhistoria eller *Sveriges fanerogamer* skildrade i korthet med deras växställen och udbredning m.m., deras egenskaper, användning och historia i allmänhet . . . Örebro ([1:] N. M. Lindh, [2]: Abr. Bohlin) 1867-1868, 2 vols. Oct. (*Sver. fan.*).
1 (förra delen): 1867 (p. vi: Sep 1867; Flora 30 Sep 1868), p. [i-vi], [1]-431.
2 (sednare delen): 1868, p. [i-iii], [1]-566. *Copies*: G, NY, USDA.

6984. *Conspectus florae europaeae*, seu enumeratio methodica plantarum phanerogamarum Europae indigenarum, indicatio distributionis geographicae singularum etc. . . . Örebro Sueciae (typis Officinae Bohlinianae) 1878-1890, 4 parts and 2 suppl. Oct. (*Consp. fl. eur.*).
1: Sep 1878, p. [i], [1]-240.
2: Oct 1879, p. [i-v], 241-492 (part), [1, err. between 256/257].
3: prob. Jul 1881 (Bot. Centralbl. 25-27 Jul 1881), p. [i], 493-677; 493 part reprinted.
4: Oct 1882, p. 677-858, [1, note]; 677 printed twice.
Suppl. 1: Mai 1884, p. [i], 859-1046 (but preliminary publ. p. [1]-21. 1883, see below and p. [i], [1]-166. 1884).
Suppl. 2(1): 1-15 Dec 1889 (Bot. Centralbl. 17 Dec 1889), p. [i, iii], [1]-224.
Suppl. 2(2): Jul 1890, p. 255-404.
Copies: G, H, M, MO, US(2); IDC 5574. – For dates see e.g. Stearn (1938).
Additamenta: Dec 1885 (t.p. 1886; p. 3: Nov 1885; TL-1), p. [1]-46. *Copies*: M, MO, US. – "*Additamenta ad Conspectum florae Europaeae* editum a cl. C. F. Nyman. Beiträge zu C. F. Nyman's Conspectus florae Europaeae von Dr. E. Roth [Ernst Carl Ferdinand Roth 1857-1918]" Berlin (Handel- & Spener'sche Buchhandlung (F. Weidling.)) 1886. Oct. (*Add. Consp. fl. Eur.*).
Ref.: Trimen, H., J. Bot. 16: 347-350. 1878, 17: 348-349. 1879, 19: 255. 1881.
Roth, E., Bot. Jahrb. 7(Lit.): 74-75. 1886; Bot. Centralbl. 43: 45-46. 1890.
R, W. M., J. Bot. 20: 24-27. 1882.
B, A., J. Bot. 20: 371-375. 1882.
Nyman, C. F., Bot. Not. 1886: 72-75, Bot. Centralbl. 26: 358-360. 1886 (note on *Add. Consp. fl. Eur.*), 45: 239-240. 1891.
Freyn, J. F., Bot. Centralbl. 7: 266-268. 1881, 12: 340-341. 1882.

6985. *Acotyledoneae vasculares et Characeae Europae* . . . e Conspectus florae Europaeae supplemento i seorsim impr. Örebro (Sueciae) (typis Officinae Bohlinianae) 1883. Oct. (*Acot. Charac. Eur.*).
Publ.: 1883 (Bot. Zeit. 31 Oct 1884; Nat. Nov. Sep(1) 1884, p. [1]-21. *Copies*: G, US. – Is a

preprint of the first 21 p. of the *Consp. fl. eur.* suppl. 1. The second part of this supplement appeared with the pagination [i], [1]-166; subsequently the two were combined in Mai 1884 and repaginated [i], 859-1046.
Ref.: Freyn, J. F., Bot. Centralbl. 20: 138-139. 1884.

Nyman, Erik Olof August (1866-1900), Swedish botanist; Dr. phil. Uppsala 1896; travelled in Java and New Guinea, 1897-1900. (*E. Nym.*).

HERBARIUM and TYPES: UPS. – For Indonesian collections see SK 1 and Sayre (1975).

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 401; Barnhart 3: 18; BM 3: 1459; Bossert p. 290; CSP 17: 577; GR p. 496; IH 2: (in press); Kew 4: 172; KR p. 562; Lenley p. 316; LS 19190; Quenstedt p. 318; Rehder 5: 629; SBC p. 128; SK 1: 390-391, 5: cccviii; Urban-Berl. p. 280, 379.
Anon., Bot. Not. 1893: 215 (stip. journey Norway); 1896 : 203 (Regnell stip. journey Java); Bot. Not. 1899: 173 (journey New Guinea); Nat. Nov. 22: 419. 1900 (d., of malaria); Generalreg. Bot. Not. 1839. 1938, p.65. 1939; Österr. bot. Z. 50: 419. 1900 (d.).
Crépin, F., Guide bot. Belg. 238, 239, 475. 1879.
E. S., Geol. Fören. Förh. 22(202) (6): 511-512. 1900 (obit.).
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 115. 1970 (pl.E).
Lejeune, A. L. S., Fl. Spa 1: 7. 1811.
Nordstedt, C. F. O. ed., Bot. Not. 1900: 189-190 (obit., b. 13 Oct 1866, d. 29 Jul, in München, on the way home from the East Indies, of malaria; Vegastipendiat Java, New Guinea 1897-1899).
Nyman, E. O. A., Bot. Not. 1900: 177-122, 181-184 (Java).
Schumann, K. and Lauterbach, K., Fl. deut. Schutzgeb., Nachtr. 24, 25. 1905 (text from Bot. Not.).
Verdoorn, F., Asiatische Jubileae 83. 1934.
Urban, I., Symb. ant. 3: 93. 1902.
Wittrock, V. B., Acta Horti Berg. 3(3): 51, 208. *pl.111.* 1905 (portr.).

6986. Om byggnaden och utvecklingen af *Oedipodium Griffithianum* (Dicks.) Schwaegr. Akademisk afhandling, som med tillstånd af vidtberömda filosofiska fakultetens i Upsala matematiskt-naturvetenskapliga sektion för vinnande af filosofisk doktorsgrad till offentlig granskning framställes af Erik Nyman . . . & botaniska lärosalen onsdagen den 27 Maj 1896 kl. 10 f.m. Upsala (Akademiska boktryckeriet Edv. Berling) 1896. Oct. (*Oedipodium Griffithianum*).
Publ.: 1-27 Mai 1896 (Nat. Nov. Oct(1) 1896), p. [i], [1]-36, *pl. 1-2* (uncol.). *Copies*: H, NY, US.

Nyst, [Henri Joseph] Pierre (1780-1846), Dutch-(Maastricht) born Belgian botanist; director of the botanical garden in Bruxelles; later curator of malacology at the Bruxelles Mus. hist. nat. (*Nyst*).

HERBARIUM and TYPES: BR (800 specimens from Guadeloupe and Martinique, coll. by ?).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 18; BM 3: 1459; IH 2: (in press); PR 6790 (ed. 1: 7588-7589); Quenstedt p. 318; Rehder 5: 629.
Crépin, F., Guide bot. Belg. 238-239. 1878 (b. 18 Jan 1780, d. 1 Mai 1846); Biogr. natl. Belg. 16: 40-41. 1901.
Lawalrée, A., Zoo, Oct 1970, p. [4].
Urban, I., Symb. ant. 3: 93. 1902.

6987. *Catalogue des plantes cultivées dans le jardin botanique* de la ville *de Bruxelles* . . . A Bruxelles (Chez Bols-Wittouck, imprimeur, . . .) 1826. Oct. (in fours). (*Cat. jard. bot. Bruxelles*).
Publ.: 1826, p. [i]-iv, [1]-91. *Copy*: G.

Oakes, William (1799-1848), American lawyer and botanist; Harvard College BA 1820; practicing law at Ipswich, Mass. 1824-1827; from then on devoting himself to natural history. (*Oakes*).

HERBARIUM and TYPES: BSN, now at GH (most complete set), duplicates in B, C, CGE, DBN, G-DC, GRA, L, LY, LZ, MANCH, MASS, MO, OXF, PH, U.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 18; Bossert p. 291; Clokie p. 218; CSP 4: 655; GR p. 194; Hawksworth p. 185; Hortus 3: 1201 ("Oakes"); IH 2: (in press); Kew 4: 172; Lenley p. 465; ME 1: 216, 3: 632; Pennell p. 615; PH 364; PR (alph.); Rehder 5: 629; SBC p. 128; TL-2/see E. M. Durand; Tucker 1: 525; Urban-Berl. p. 379; Zander ed. 10, p. 697, ed. 11, p. 795.

Anon., Bot. Zeit. 7: 272. 1849; Flora 32: 223. 1849 (d.); Hovey's Mag. Hort. 14: 430-431. 1848 (d. 31 Jul 1848, by drowning).

Barnhart, J. H., Mem. Torrey bot. Club 16(3); 297. 1921.

Candolle, Alph. de, Phytographie 437. 1880 (coll.).

Day, M., Rhodora 3: 71, 259. 1901 (plants left by him were made into sets and sold; most complete set to BSN).

Ewan, J. et al., Short hist. bot. U.S. 92, 115. 1969.

Graustein, J. E., Thomas Nuttall 474 [index]. 1967.

Gray, A., Amer. J. Sci. ser. 2. 7: 138-142. 1849, 8: 293. 1849 (sets of New England plants for sale).

Hovey, C. M., ed., Mag. Hort. Bot., Boston, 14: 430-431. 1848 (obit., bibl.).

Robinson, J., Bull. Essex Inst. 12: 90-91. 1880 (biogr. not.).

Rodgers, A. D., William Starling Sullivant 136, 157, 161, 173, 190, 224, 226-227. 1940, John Torrey 88, 109, 208, 268. 1942.

Tuckerman, E., London J. Bot. 1: 445. 1842.

Wheatland, H., Proc. Essex Inst. 2: 26. 1862 (b. 1 Jul 1799, d. 31 Jul 1848).

HANDWRITING: Bartonia 28: *pl. 6.* 1967.

EPONYMY: *Oakesia* Tuckerman (1842); *Oakesia* S. Watson (1879); *Oakesiella* J. K. Small (1903).

6988. *Notice of some rare plants of New England,* with descriptions of some new species. By William Oakes, Ipswich, Mass. [C. M. Hovey, ed., Mag. Hort. Bot., Boston vol. 7, no. 5. Mai 1841]. Oct.

Publ.: Mai 1841 (in journal), p. [1]-8. *Copy*: NY. – Reprinted and to be cited from Mag. Hort. Bot., Boston 7(5): 178-186. 1841.

6989. *Catalogue of Vermont plants* ... as published in Thompson's history of Vermont. [Burlington 1842]. Qu. (*Cat. Vermont pl.*).

Publ.: 1842, p. [1]-35, [36]. *Copies*: NY, USDA. – Reprinted from Zadock Thompson, Natural history of Vermont, Burlington 1842 (n.v.), reissue ib. 1853, map, p. [i-iv], [1]-224; [1]-63, [64-66, app.]. *Copy*: US. – Botany on p. 173-221.

Obermeyer [Obermeijer], **Anna Amelia,** later Mrs. Antonie Mauve (1907-x), South African botanist at the National Herbarium, Pretoria. (*Oberm.*)

HERBARIUM and TYPES: NH and PRE; further material in BM, F, K, SRGH.

BIBLIOGRAPHY and BIOGRAPHY: BJI 2: 127; BL 1: 23, 59, 311; Bossert p. 291; Hortus 3: 1201 ("Oberm."); IH 2: (in press); Kew 4: 173; Zander ed. 10, p. 697, 698, ed. 11. p. 795.

Anon., Flow. pl. Afr. 42(3-4): [2p.]. 1973 (portr.).

Bullock, A. A., Bibl. S. Afr. bot. 80. 1978.

Codd, L. E., Forum Bot. 10(9): 79-80. 1872 (retirement).

Exell, A. W., & G. A. Hayes, Kirkia 6(1): 98. 1967.

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White, F., C. R. AETFAT 4: 199. 1962 (coll. N. Rhodesia).

THESIS: *A revision of the South African species of Barleria,* Ann. Transvaal Mus. 16(2): [123]-180, *pl. 1-2,* maps 1-3. Aug 1933; see also J. Bot. 72: 275-278. Oct 1934.

Obermeyer, W. (*fl.* 1908), German mycologist. (*W. Oberm.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Kelly p. 162; LS 19394, 37494-37495, suppl. 20351-20353.

6990. *Pilz-Büchlein.* Unsere wichtigsten essbaren Pilze in Wort und Bild ... Stuttgart (Verlag von K. G. Lutz) 1898. Oct. (*Pilz-Büchl.*).
Orig. ed. [*I*]: Apr-Mai 1898 (p. 6: 29 Mar 1898; Nat. Nov. Jun(1) 1898; Bot. Centralbl. 15 Jun 1898), p. [2]-160, *pl. 1-25* (col.). *Copy*: B. – Alternative title [p. 2:] "Schriften des deutschen Lehrer-Vereins für Naturkunde ... IV. Bändchen ..."
Pilz-Büchlein II: Aug-Dec 1899 (p. 6: 31 Jul 1899; p. [2]-208, *pl. 1-25* (col.). *Copy*: B.
Ed. 2 of I and II: n.v.
Ed. 3, I: 1917 (p. 6: Fall 1916; AbZ 15 Dec 1917, p. [1]-160, *pl. 1-25. Copy*: NY.
Ed. 3, II: 1917 (p. 6: Summer 1917, AbZ 15 Dec 1917, p. [3]-104, *pl. 1-25* (col.). *Copy*: NY.

6991. *Unsere wichtigsten Pilze in Wort und Bild* ... Stuttgart (Franckh'sche Verlagshandlung W. Keller & Co.) [1909]. Oct. (*Wicht. Pilze*).
Publ.: 1909 (Nat. Nov. Nov(2) 1909), p. [1]-36, *pl. 1-4, 5/6, 7-9, 1/2, 3, 4/5, 7/8, 9/10, 11, 1, 2/3, 4/5, 6, 7, 8/9, 10/11, 12/13, 14/15* (col.). *Copies*: MICH, Stevenson. – Obermeyer also published three separate large-size "Pilztafeln", in colour, with text, in Jan-Mar 1909.

Oborný, Adolf (1840-1924), Moravian botanist; studied at the technical college of Brünn (Brno); assistant at the Staatsrealschule 1866; teachers examination Wien (1870; "supplent" (1870) and teacher (1871) at the Landesrealschule in Znaim; director of the Landesoberrealschule in Leipnik 1898-1907; retired at Znaim 1907-1924. (*Oborný*).

HERBARIUM and TYPES: MZ. – Other material at A, BRNM, BRNU, C, E, GB, IBF, L, MANCH, PR, PRC, W(800), WRSL.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 148; Backer p. 658; Barnhart 3: 19; BFM no. 691; CSP 4: 656, 8: 524, 10: 946, 17: 582; DTS 6(4): 72; Futák-Domin p. 436-437; GR cat. p. 671; Hegi 4(2): 1028, 6(2): 1241; Jackson p. 270; Kew 4: 173; Klásterský p. 138; Morren (ed. 10) p. 36; Rehder 5: 630; Tucker 1: 526.
Anon., Österr. bot. Z. 37: 73. 1887 (Bezirks-Schulinspector Znaimer Stadtschulbezirk), 40: 140. 1890 (800 Morav. pl. at W); 73: 160. 1924 (d. 26 Apr 1924).
Burgerstein, A., Österr. bot. Z. 36: 131. 1886 (lists "Verzeichnis der in der Umgebung von Znaim im Sommersemester 1870/71 gesammelten und beobachteten Pflanzen, Znaim, Progr. Oberrealschule 1871-1872, 54 p.), 63: 219. 1913 (Beitr. *Potentilla*).
Hruby, Joh., Verh. naturf. Ver. Brünn 59: xxvii-xxx. 1925 (obit., bibl., b. 17 Jun 1840, d. 27 Apr 1924).
Iltis, H., Life of Mendel ed. 2. 87, 111. 1966.
Kneucker, A., Allg. bot. Z. 26/27: 56. 1925 (d. 26 Apr 1924). Podpěra, J. Přirody 17(5), 1924 (n.v.).
Szymkiewicz, D., Bibl. fl. Polsk. 110. 1925 (bibl.).
Wettstein, R. v., Österr. bot. Z. 49: 96. 1899 (pl. at PRC).

6992. *Flora von Mähren* und österr. Schlesien enthaltend die wildwachsenden, verwilderten und häufig angebauten Gefässpflanzen ... herausgegeben vom naturforschenden Vereine in Brünn. Brünn (Druck von W. Burkart. – Verlag des Vereines) 1886. Oct. (*Fl. Mähren*).
1: 1882 or Jan-Jun 1883 (p. 6: 9 Nov 1881; Bot. Centralbl. 2-6 Jul 1883; Nat. Nov. Jul(1) 1883; J. Bot. Aug 1883; Bot. Zeit. 27 Jul 1883), p. [1]-268, *in* Verh. naturf. Ver. Brünn 21(2). 1882 (1883).
Re-issue part 1: 1885, p. [3]-268. *Copy*: BR. – Brünn (id.). 1885. Oct.
2: 1884 (Nat. Nov. Oct(3) 1884; Bot. Centralbl. 17-21 Nov 1884), p. [i], 269-636, *in* idem 22(2), 1884 (as "supplement", with Flora pagination).
3: 1885 (Bot. Zeit. 26 Mar 1886; Nat. Nov. Feb(1) 1886; Bot. Centralbl. 1-5 Feb 1886), p. [i], 637-888, *in* idem 23(2). 1885 (id.).
4: 1886 (Bot. Zeit. 27 Apr 1888: Nat. Nov. Mar(1) 1887), p. [i], 889-1258, [1, err.], [i]-xxxix, *ib.* 24(2): 1885 (publ. 1886), *in* idem 24(2). 1886 (id.).
Copies: B, BR, G, MO. – Preceded by *Die Flora des Znaimer Kreises,* Verh. naturf. Ver. Brünn 17: [i], [105]-304. 1879 (publ. 1879, p. 107 dated Dec 1878; Bot. Zeit. 16 Jan 1880; Nat.

Nov. Nov(1) 1879). *Copy reprint*: G. – Bot. Zeit. 31 Oct 1890 and Nat. Nov. Mai(2) 1890 mention a *re-issue* Brünn (C. Winiker) 1890, Oct., 2 vols. See also A. Burgerstein (1886).
Ref.: Beck, G., Österr. bot. Z. 33: 374. 1883, 35: 31. 1885, 36: 1886, 37: 141. 1887 (rev.). Freyn, J. F., Bot. Centralbl. 15: 267-270. 1883, 23: 46-47. 1885, 27: 221-222. 1886, 30: 317-318. 1887.

O'Brien, Charlotte Grace (1845-1909), Irish botanist of Foynes, Limerick. (*C. O'brien*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BB p. 232; BL 2: 244, 248, 697; Desmond p. 470; Kew 4: 173.

6993. *Wild flowers of the Undercliff*, Isle of Wight . . . London (published for the authors by L. Reeve & Co., . . .) 1881. Oct. (*Wild fl. Undercliff*).
Co-author: C. Parkinson.
Publ.: 1881, p. [i]-vi[vii], [1]-143, *pl. 1-8* (col.). *Copy*: USDA.

Ochoterena, Isaac (1885-1950), Mexican botanist, director of the botanical section of the Dirección Estud. Biol. Mex. from 1915. (*Ochot.*).

HERBARIUM and TYPES: MEXU.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 20; Hortus 3: 1201 ("Ochot."); IH 2: (in press).

6994. *Las cactáceas de México* . . . Mexico (Editorial "Cultura") 1922. Qu. (*Cact. México*).
Publ.: 1923 (colo.: printing finished 13 Feb 1923; t.p. dated 1922), p. [1, blank], [3]-179, [1, colo.], *2 pl. Copies*: G, MICH.

Ochse, Jacob Jonas (1891-1970), Dutch agriculturist and specialist on diet and tropical horticulture; in the former Dutch East Indies 1914-1946, mainly as governmental horticulturist; from 1946 professor of applied tropical and economic botany at the University of Miami. (*Ochse*).

HERBARIUM and TYPES: BO (see SK). Library at Fairchild trop. Gard.

BIBLIOGRAPHY and BIOGRAPHY: BL 1: 106, 310; IH 2: (in press); Kew 4: 175; Langman p. 548; MW p. 360; NI 1459; Plesch p. 350; SK 1: 391, xxxi, 8: lxxii.
Anon., Fl. males. Bull. 25: 1877. 1971.
Dijkman, M. J., Bull. Fairchild trop. Gard. 1970 (Jul): (6), (12). (obit., b. 5 Jul 1892, d. 21 Apr 1970), Economic Bot. 24(4): 492, 493. 1970 (obit.)
Honig, J., Natuurw. Tijdschr. Ned. Indie 102(6): 97-98. 1946 (portr., obit., bibl.).
Jacobs, M., Fl. males. Bull. 31: 2972. 1978.
Steenis, C. G. G. J., Fl. males. Bull. 25: 1877. 1971 (d.).

6995. *Indische vruchten* . . . [Batavia, Djakarta] (Volkslectuur-Weltevreden) 1927. Oct. (*Ind. vrucht.*)
Publ.: 1927 (p. iii: 1 Oct 1926), p. [i*-ii*], i-viii, [1]-330, *3 pl.* (col.). *Copies*: B, NY, U; IDC 8124.

6996. *Indische groenten* (met inbegrip van aardvruchten en kruiderijen) . . . overzicht der inen uitheemsche gewassen, welke in Insulinde tot groente en toespijs dienen . . . Batavia (Uitgave: Departement van Landbouw, . . . Buitenzorg) 1931. Oct. (*Ind. groent.*).
Collaborator: Reinier Cornelis Bakhuizen van den Brink [Sr.] (1881-1945).
Publ.: 1931 (p. viii: Jan 1931), front., p. [i]-xxxv, [1]-1001, [1002-1004, err.]. *Copy*: G.

6997. *Vruchten en vruchtenteelt in Nederlandsch-Oost-Indië* . . . Batavia [Djakarta] (Uitgave G. Kolff & co.) 1931. Oct. (*Vrucht. Ned. O. Ind.*).
Publ.: 1931 (p. [iii]: Feb 1931), p. [i]-xv, 1-181, *pl. 1-53, 54/55, 56-57* (col.). *Copy*: G (*pl. 30* missing).

6998. *Vegetables of the Dutch East Indies* (edible tubers, bulbs, rhizomes and spices included) Survey of the indigenous and foreign plants serving as pot-herbs and side-dishes ... The Hague ['s Gravenhage, Den Haag] (Martinus Nijhoff) [1931]. (*Veg. Dutch E. Ind.*).
Collaborator: Reinier Cornelius Bakhuizen van den Brink [Sr.] (1881-1945).
Orig. ed.: 1931 (p. x: Mar 1931), frontisp., p. [i]-xxxvi, [1]-1005, [1006, err.]. *Copies*: B, BR, MICH, MO, NY. – English translation of Ind. groenten (1931).
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Ref.: Plesch p. 350.

Ochsner-Christen, Fritz (1899-x), Swiss bryologist and geobotanist at Muri, Aargau; Dr. phil. Zürich 1926; later high school teacher in Winterthur and Muri, Aargau. (*Ochsner*).

HERBARIUM and TYPES: ZT (temporarily still privately owned).

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Publ.: 1927 (t.p.; Rev. bryol. 15 Oct 1928. Nat. Nov. Apr 1929), p. [i-ii], [1]-108. *Copy*: MO. – Preprinted from Jahrb. St. Gall. naturw. Ges. 63(2): 1-108. 1928.

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HERBARIUM and TYPES: DBN (mycol.); some further material at C.

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O'Donell, Carlos Alberto (1912-1954), Argentine botanist; Dr. pharm. Buenos Aires 1937; at the Instituto Miguel Lillo Tucuman, 1938-1954. (*O'Don.*).

HERBARIUM and TYPES: LIL. – Further material at C, E, GB, HLU, GH, MO, NY, US.

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Oeder, George Christian [von Oldenburg] (1728-1791), German botanist; Dr. med. Göttingen 1749; to Denmark 1752; royal professor of botany at Kjøbenhavn 1754-1770;

various times in Norway between 1755-1760; from 1773 in Oldenburg as regional governor (Landvogt); ennobled 1788. (*Oed.*).

HERBARIUM and TYPES: C.

BIBLIOGRAPHY and BIOGRAPHY: ADB 24: 147-149; AG 1: 343; Backer p. 404-405; Barnhart 3: 21; BL 2: 478, 697; BM 3: 1462; Bossert p. 291; De Toni 1: xciii; Dryander 3: 11, 20, 152, 220; DU 218; Frank 3(Anh.): 72-73; GF p. 69; GR p. 35, *pl.* [*15*], cat. p. 69; Hawksworth p. 185; Hegi 5(1): 541, 6(1): 127; Herder p. 469; Hortus 3: 1201 ("Oed."); HU 594; IH 2: (in press); Jackson p. 333; Kew 4: 176; Krempelh. 1: 34, 514, 572, 2: 5, 530; Lasègue p. 532; LS 19405-19407, 37498; NI 2249; Plesch p. 351; PR 6798-6802 (ed. 1: 7599-7604); Rehder 5: 630-631; RS p. 121; SA 1: 263; SBC p. 128; SO 67, 287, add. 650dd; Sotheby 574; Stevenson p. 1253; TL-1/933; TL-2/2285, see J. W. Hornemann, J. M. C. Lange; Tucker 1: 526; Zander ed. 10, p. 698.

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EPONYMY: *Oedera* Crantz (1768, *nom. rej.*); *Oedera* Linnaeus (1771, *nom. cons.*); *Oederia* A. P. de Candolle (1838, *orth. var.*).

7001. [*Flora danica*] Icones plantarum sponte nascentium in regnis Daniae et Norvegiae, in ducatibus Slesvici et Holsaticae, et in comitatibus Oldenburgi et Delmenhorstiae; ad illustrandum opus de iisdem plantis, regio jussu exarandum, Florae danicae nomine inscriptum. København, [1761-]1764-1883. 17 vols., Fol. (*Fl. dan.*).

Publ.: 17 volumes in 51 fascicles (+ 3 suppl. fasc.) of 60 plates (per fascicle) with corresponding text. Generally cited as *Flora danica*. *Copies*: BR, FI, MICH, MO, NY; IDC 692. The analysis below is based on the NY copy. – Copies exist with coloured and with uncoloured engravings.

Authorship (editors): Georg Christian Oeder (Ö) (1728-1791),
Otto Fridrich Müller (M) (1730-1784),
Martin Vahl (V) (1749-1804),

Jens Wilken Hornemann (H) (1770-1841),
Joachim Frederik Schouw (Sch) (1789-1852),
Jens Lorenz Moestue Vahl (JV) (1796-1854),
Frederik Michael Liebmann (Li) (1813-1856),
Johannes Jupetus Smith Steenskrup (St) (1813-1897),
Johan Martin Christian Lange (La) (1818-1898).

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Vol.	fasc.	date	pages	*plates*	editors	publ.
1	t.p.	1766	[i]		Ö	
	1	1761	[1]-12	*1-60*	Ö	Apr-Mai 1762
	2	1763	]1]-12	*61-120*	Ö	Apr-Mai 1763
	3	1764	[1]-10	*121-180*	Ö	Jan-Feb 1764
2	t.p.	1766	[i]		Ö	
	4	1765	[1]-10	*181-240*	Ö	
	5	1766	[1]-10	*241-300*	Ö	
	6	1767	[1]-10	*301-360*	Ö	
3	t.p.	1770	[i]		Ö	
	7	1768	[1]-10	*361-420*	Ö	
	8	1769	[1]-10	*421-480*	Ö	
	9	1770	[1]-8	*481-540*	Ö	
4	t.p.	1777	[i]		M	
	10	1771	[1]-8	*541-600*	Ö	
	11	1775	[1]-8	*601-660*	M	
	12	1777	[1]-8	*661-720*	M	
5	t.p.	1782	[i]		M	
	13	1777	[1]-8	*721-780*	M	
	14	1780	[1]-8	*781-840*	M	
	15	1782	[1]-6	*841-900*	M	
6	t.p.	1792	[i]		V	
	16	1787	[1]-8	*901-960*	V	
	17	1790	[1]-10	*961-1020*	V	
	18	1792	[1]-8	*1021-1080*	V	
7	t.p.	1799	[i]		V	
	19	1794	[1]-8	*1081-1140*	V	
	20	1797	[1]-8	*1141-1200*	V	
	21	1799	[1]-8	*1201-1260*	V	
8	t.p.	1810	[i]		H	
	22	1806	[1]-10	*1261-1320*	H	
	23	1808	[1]-8	*1321-1380*	H	
	24	1810	[1]-6	*1381-1440*	H	
9	t.p.	1820	[i]		H	
	25	1813	[1]-8	*1441-1500*	H	
	26	1816	[1]-10	*1501-1560*	H	
	27	1818	[1]-11	*1561-1620*	H	
10	t.p.	1823	[i]		H	
	28	Oct 1819	[1]-12	*1621-1680*	H	
	29	1821	[1]-13	*1681-1740*	H	
	30	1823	[1]-13	*1741-1800*	H	
11	t.p.	1828	[i]		H	
	31	1825	[1]-15	*1801-1860*	H	
	32	1827	[1]-12	*1861-1920*	H	

Vol.	fasc.	date	pages	*plates*	editors	publ.
	33	1829	[1]-14	*1921-1980*	H	
12	t.p.	1834	[i]		H	
	34	1830	[1]-14	*1981-2040*	M	
	35	1832	[1]-12	*2041-2100*	H	
	36	1834	[1]-12	*2101-2160*	H	
13	t.p.	1840	[i]		H	
	37	1836	[1]-11	*2161-2220*	H	
	38	1839	[1]-13	*2221-2280*	H	
	39	1840	[1]-16, [1]	*2281-2340*	H	
14	t.p.	1849	[i]		Li	
	40	1843	[1]-18	*2341-2400*	Sch., JV	
	41	1845	[1]-17	*2401-2460*	Li	
	42	1849	[1]-16	*2461-2520*	Li	
15	t.p.	1861	[i]		Li, La	
	43	1852	[1]-16	*2521-2580*	Li	
	44	1858	[1]-21	*2581-2640*	St, La	
	45	1861	[1]-19	*2641-2700*	La	
16	t.p.	1871	[i]		La	
	46	1867	[1]-20	*2701-2760*	La	
	47	1869	[1]-23	*2761-2820*	La	
	48	1871	[1]-26	*2821-2880*	La	Jan-Aug 1871
17	t.p.	1883	[i]		La	
	49	1877	[1]-17	*2881-2940*	La	
	50	1880	[1]-17	*2941-3000*	La	
	51	1883	[1]-15	*3001-3060*	Le	

Alternative title: Aftegninger paa de Planter, som vore vildt i Kongerigerne Danmark og Norge, i Hertogdommene Slesvig og Holsteen, og i Grevskaberne Oldenborg og Delmenhorst, til at oplyse det under Titel *Flora danica* paa kongelig Befaling foranstaltete Verk over disse Planter, udgivne af bemeldte Verks Forfatter Georg Christian Oeder, ... Kiøbenhavn (Trykt hos hans Kongl. Majests. Hof-Bogtrykker Nicolaus Møller).

The BR copy has danish title pages for vols. 1-14 and part 15(1), latin t.p.'s as in heading for vols. 15-17, of which vol. 15 is a 1913 re-issue, typis Bianco Luno.
The MICH and NY copies have the latin title pages. Variation between copies occurs with respect to the danish and latin texts. The copy at FI has German, Danish and Latin text.
Supplement: see below, no 7008.

7002. *Einleitung zu der Kräuterkenntniss* ... Kopenhagen (Verlegts Frantz Christian Mummes Wittwe, und gedruckt bey Nicolaus Möller) 1764-1766, 2 vols. Oct. (*Einleit. Kräuterk.*).
1: 1764 (p. [iv]: 9 Feb 1764), p. [i-x], [1]-163, [164, err.].
2: 1766, p. [i-iv], [165]-434, [435-436, err.], *pl. 1-14* (uncol. copp.).
Copies: MICH, MO, NY, USDA. – Half-title: *Flora danica*. Erster Band. – For Latin and Danish translations see below.

7003. *Elementa botanicae,* ... Hafniae [Kjøbenhavn] (Typis fratrum Philibert. Prostat apud viduam Franc. Christ. Mumme) 1764-1766. 2 parts. Oct. (*Elem. bot.*).
1: 1764 (p. iv: 9 Feb 1764), p. [i]-vi, [1]-141, [142].
2: 1766, p. [i-iv], [143]-382, *pl. 1-14* (uncol. copp.).
Copies: B, FI, G, NY, USDA. – Latin version of *Einl. Kräuterkenntn.*, see above. The B and G copies have a different imprint: Hafniae (Typis fratrum Philibert [without the "Prostat ..."]) 1764/1766.

7004. *Indledning til Plante-Laeren* ... oversat af Niels Henric Tyrholm ... Kiøbenhavn (trykt hos Nicolaus Møller) 1764-1766. Oct. (*Indl. Pl.-Laer.*).
1: 1764 (p. [iv]: 9 Feb 1764), p. [i-viii], [1]-142.
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Copies: C, H, LD (inf. O. Almborn). – Christensen (1924) p. 47, no. 10c.

7005. *Nomenclator botanicus*, continens plantarum in terris danicis sponte nascentium nomina vernacula in linguis gallica, anglica, germanica, suecica, danica, cum nomenclatore synonymico-linnaeano, & pharmaceutico-linnaeano. Hafniae [Kjøbenhavn] (sumptibus Heineck & Faber. Typis Cl. Philibert) 1769. Oct. (in fours). (*Nom. bot.*).
Publ.: 1769, p. [i-iv], [1]-231. *Copies*: FI, MICH, NY, USDA; IDC 891.

7006. *Enumeratio plantarum florae danicae*, id est sponte nascentium in regnis Daniae Norvegiae; ducatibus Slesvici et Holsatiae; comitatibus Oldenburgi et Delmenhorstiae ... Hafniae [Kjøbnhavn] (sumptibus Heineck & Faber. Typis Cl. Philibert) 1770. Oct. (*Enum. fl. dan.*).
Publ.: 1770 (p. [iv]: Jan 1770), p. [i-iv], [1]-112. *Copies*: H, NY, USDA.

7007. *Verzeichniss zur der Flora danica* gehörigen, in den Königreichen Dännemark und Norwegen, in den Herzogthümern Schlesswig und Holstein, und in den Graffschaften Oldenburg und Delmenhorst wildwachsenden Kraüter, ... Kopenhagen (Gedruckt bey Nicolaus Möller, ...) 1770. Oct. (*Verz. Fl. dan.*).
Publ.: 1770 (p. [iv]: 2 Apr 1770), p. [i-iv], [1]-137. *Copy*: NY.
Other issue: 1770 (p. [iv]: 2 Apr 1770), p. [i-iv], [1]-137. *Copy*: G. – "*Flora danica* der Verzeichniss der in den Königreichen ... Kräuter, ... Kopenhagen (Verlegts Heineck und Faber. Gedruckt bey Nicolaus Möller ...) 1770. Oct.

7008. Icones plantarum sponte nascentium in regnis Sueciae et Norvegiae, *Supplementum* operis, *Florae danicae* nomine inscripti, editum a F. M. Liebmann & Joh. Lange. Volumen primum (unicum) continens fasciculos i.ii.iii. seu tabulas i-clxxx. Hauniae (typis Louis Klein) [1853-]1874. Fol. (*Fl. dan. suppl.*).
Authors: Frederik Michael Liebman (1813-1886) (fasc. 1), Johan Martin Christian Lange (1818-1898) (fasc. 2-3; co-author fasc. 1).
Vol. t.p.: 1874, p. [i].
Fasc. 1: 1853 (p. 16: 20 Oct 1853), p. [1]-16, *pl. 1-60.*
Fasc. 2: 1865 (p. 18: 31 Mar 1865), p. [1]-18, *pl. 61-120.*
Fasc. 3: 1874 (p. 16: 1 Mar 1874) p. [1]-16, *pl. 121-180. Copies*: BR, NY.
See also: F. M. Liebman (TL-2/4517).

Oehninger, Carl Johannes (*fl.* 1908), German publisher and botanist. (*Oehninger*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Kew 4: 176.

7009. *Die Alpenflora.* 130 Abbildungen in Farbenkunstdruck auf 24 Tafeln. Mit besonderer Berücksichtigung der Ost-alpen. Nach der Natur gemalt von Baron Fritz Hauser. Herausgegeben, mit Einleitung und begleitendem Text versehen von C. J. Oehninger ... Graz (Selbstverlag von C. J. Oehninger) 1908. (*Alpenflora*).
Ed. [*1*]: 1908, (Bot. Centralbl. 4 Aug 1908), p. [i-ii], [1]-79, *p. 1-24. Copy*: Landesbibliothek Graz (inf. D. Ernet).
Ed. 5: 1922, p. [1]-49, [50], *pl. 1-24. Copy*: G. – "Fünfte, vollständige umgearbeitete Auflage". Reichenhall (Verlag von C. J. Oehninger) 1922.

7010. *Atlas der Alpenflora.* 600 Abbildungen in Dreifarbdruck auf 100 Tafeln nach der Natur gemalt von Franz Fischer (Salzburg) und Fritz Hauser (Wien) herausgegeben von C. J. Oehninger. Münster i.W. (C. J. Oehninger Verlag), Graz (Leuschner & Lubensky's Universitätsbuchhdlg.) [1924-1926]. Oct. (*Atl. Alpenfl.*).
Orig. ed.: 1924-1926, in 7 parts (1: Jan 1924, 7 Mai 1926, with *14* or *15 pl.* each), p. [1]-112, *pl. 1-100* (col.). *Copies*: G, MICH.
Reissue: 1937, p. [1]-112, *pl. 1-100. Copies*: BR, G, NY.

Oelhafen von Schoellenbach, Carl Christoph (1709-1783), German botanist and royal forestry agent (Wald-Amtmann) at Nürnberg. (*Oelhafen*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1463, 7: 949, 8: 1448; Dryander 3: 205; Herder p. 381; Jackson p. 206; LS 19410; NI 1461; PR 6803 (ed. 1: 7607); Rehder 5: 631; TL-2/1544-1546; Tucker 1: 526.
Jessen, K. F. W., Bot. Gegenw. Vorz. 27. 1884.
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7011. Carl Christoph Oelhafens von Schöllenbach, . . . *Abbildung der wilden Bäume,* Stauden und Buschgewächse, welche nicht nur mit Farben nach der Natur vorgestellet, sondern auch nach ihrer wahren Beschaffenheit, nach dem Stand ihrer Blätter, nach ihren männlichen und weiblichen Blüten, Früchten und Saamen, nach ihrem Wachsthum und Alter, das sie gewöhnlich erreichen, nach ihrer Erziehung und Pflege, die sie erfordern, kurz und gründlich beschrieben sind . . . Verlegt und mit den in Kupfer gestochenen und illuminirten Abbildungen versehen von Adam Wolfgang Winterschmidt, . . . in Nürnberg 1767-1804, 3 parts. Qu. (*Abbild. Bäume*).
Author of part 3: Johann Wolf (1765-1824).
1: 1773, p. [1]-82, *pl. 1-34* (hand colored copper engr. by Adam Wolfgang Winterschmidt).
2: 1767 (p. [iv]: 4 Jun 1767), p. [i-iv], [1]-132, *pl. 1-73* (id.).
3: 1804, p. [1]-66, *pl. 1-37*.
Copies: B(1), BM(as above), MO (1; 2 incompl.), NY. – The copies are all different; the above analysis is of the copy at BM (courtesy Ph. Edwards). The copy at HH (see Tucker 1: 526) is again different.
French transl.: 1775, p. [1]-80, *pl. 1-34. Copy*: G. – Vol. 1 only. Traité des arbres, arbrisseaux et arbustes de nos forêts, . . . traduit de l'Allemand par Godefroi Benistant . . . A Nuremberg [Nürnberg] (Chez Adam Wolfgang Winterschmidt, . . .) 1775. Qu.
Selection: *Bäume des deutschen Waldes,* ed. Hans Wegener, Leipzig 1935, *32 pl.*

Örsted, Anders Sandö (Ørsted, Oersted) (1816-1872), Danish botanist and zoologist; Dr. phil. København 1854; high school teacher at København 1839-1844, travelled in Central America 1845-1848; lecturer, later professor of botany at the University of København 1851-1862. (*Örst.*).

HERBARIUM and TYPES: C; American bryophytes in BM; other material at B, BM, F, FH, GH, K, L, MO, NY, S, US, W. Manuscripts also at C; library dispersed by auction.

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Anon., Bonplandia 1(4): 35. 1853; 3: 319-320. 1855 (publ.); Bot. Not. 1871: 69 (lecturer), 197 (journey Germany), 1872: 64 (lecturer), 126 (d.); Bot. Not. 1874: 31; Bull. Soc. bot. France 19 (bibl.): 95. 1872; J. Bot. 10: 320. 1872; Österr. bot. Z. 22: 340. 1872 (d.).
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COMPOSITE WORKS: See F. M. Liebmann, *Chênes de l'Amérique tropicale*, posthumously publ. by Ö.

EPONYMY: *Oerstedella* H. G. Reichenbach (1852); *Oerstedina* Wiehler (1977).
Note: The derivation of *Oerstedtia* V. B. A. Trevisan (1848) could not be determined.

7012. *Planterigets Naturhistorie*, en almeenfattelig Fremstilling af de vigtigste Planter i deres Forhold til Menneskene og Jorden, naermest udarbeidet til Brug ved Underviisning i Realskoler og til Selvstudium af A. S. Örsted, cand. philos. Kjøbenhavn (Trykt paa Boghandler H. C. Kleins Forlag, i Bianco Lunos Bogtrykkeri ...) 1839. Oct. (*Planter. Naturhist.*).
Publ.: 1839, p. [i]-xvi, [1]-384, *pl. 1-34. Copies*: MO, NY.

7013. *Beretning om en Excursion til Trindelen*, en Alluvialdannelse i Odensefjord ... Kjøbenhavn (Trykt hos J. G. Salomon) 1842. Oct.
Publ.: 1842, p. [1]-20, *pl. 7. Copy*: NY. – Naturh. Tidskr., København, ser. 1. 3(4): 552-569. 1842. To be cited from journal.

7014. *De regionibus marinis.* Elementa topographiae historiconaturalis freti Öresund. Dissertatio inauguralis, quam ad honores magistri artium rite capessendos scripsit et die xxix mensis aprilis respondente ornatissimo E. Petit. Chir. mil. publice defendere studebit A. S. Örsted. Phil. cand. Hauniae [København] (typis excussit J. C. Scharling) 1844. Oct. (*Reg. mar.*).
Publ.: 29 Apr 1844 (t.p.), p. [i-x], [1]-88, [1-2, expl. pl., err.], *pl. 1-2. Copies*: FI, MO, NY.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 3: 385-389. 6 Jun 1845 (extensive German summary).

7015. *Centralamerikas Rubiaceer.* (Bestemmelser og Bekrivelser mestendeels af G. Bentham.) Ved A. S. Örsted ... [København 1852]. Oct.
Identifications: mainly by George Bentham (1800-1884).
Publ.: Jun-Dec 1852 or 1853(?) (mss. submitted 12 Mai 1852; journal issue dated 1852; dated 1853 by Christensen 1925 p. 234), p. [1]-39. *Copy*: G. – Reprinted from Vid. Meddel. naturh. For. Kjöbenhavn 1852(2-4): 23-61. To be cited from journal.

7016. *Mexicos og Centralamerikas Acanthaceer* ... Kjöbenhavn (Bianco Lunos Boktrykkeri) 1855. Oct.
Publ.: 1855, p. [i], [1]-69, *pl. 3-5* (liths., C. Thornam). *Copy*: G. – Reprinted and to be cited from Vid. Medd. naturh. For. 1854: 113-181.

7017. (Af Naturhist. Foren. Vindensk. Meddelelser.) *Plantae novae centroamericanae* ... [København 1856-1857], 3 parts.
I: 1856, p. [1]-6. Reprinted and to be cited from Vid. Meddel. Naturh. For. 1856: 27-32.
II: 1856, idem p. 33-43.
III: 1857, p. [1]-12. – Idem 1857: 187-198.
Copies: G(3), US (1, 2).

7018. Af Naturhist. Foren. Vidensk. Meddelelser, 1857) *Centralamerikas Lobeliaceer* ... [Kφbenhavn 1857].
Co-author: Jules Émile Planchon (1823-1888).
Publ.: 1857, p. [1]-6. *Copy*: G. – Reprinted and to be cited from Vid. Meddel. Naturhist. For. 1857; 152-157.

7019. *Centralamericas Gesneraceer*, et systematisk, plantegeographisk bidrag til Centralamericas Flora ... Kjöbenhavn (Trykt i Bianco Lunos Bogtrykkeri ved F. S. Muhle) 1858. Qu. (*Centralamer. Gesner.*).
Publ.: 1858 (NY copy rd by Torrey 20 Mai 1859), p. [i], [1]-78, *pl. 1/2, 3-11* (by Augusta Thornam), map. *Copies*: G, MO, NY; IDC 6162. – Preprinted from K. Danske Vidensk. Skr. ser. 5. 5(1): 75-152, *11 pl.* map. 1859.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 18: 99-100. 1860.

7020. (Af Naturhist. Foren. Vidensk. Meddelelser 1858) *Palmae centroamericanae* ... [Kφbenhavn 1859] Oct. (*Palmae centroamer.*).
Publ.: Jan-Mai 1859 (NY copy rd. by G. H. Post 20 Mai 1859; Bot. Zeit. 1860), p. [1]-54. *Copies*: G, MO, NY, US. – Reprinted and to be cited from Vid. Meddel. naturh. For. Kjöbenhavn 1858: 1-54. 1859.

7021. *Viburni generis adumbratio* ... Hafniae [Kφbenhavn] (typis Bianco Luno) 1861. Oct. (*Viburn. adumbr.*).
Publ.: Jan-Jul 1861 (Bot. Zeit. 16 Aug 1861), p. [1]-39, *pl. 6-7* (uncol., Augusta Thornam). *Copies*: G, U. – Preprinted or reprinted from Vid. Meddel. naturh. For. Kjöbenhavn 1860: 267-305, *pl. 6-7*. 1861. Extensive summary by "J. G." in Bull. Soc. bot. France 8: 482-490. 1861. Journal article entitled: "Til belysning af Slaegten Viburnum."; the Latin title appears on the cover of the reprint.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 19: 238-239. 16 Aug 1861.

7022. (Af Naturhist. Foren. Vidensk. Meddelelser 1861) *Myrsinaceae centroamericanae* et mexicanae ... [Kφbenhavn] Oct. (*Myrsin. centroamer.*).
Publ.: 1862, p. [1]-26, *pl. 1-2* (uncol. Chr. Thornam). *Copies*: G, MO, US. – Preprinted or reprinted from Vidensk. Meddel. naturh. For. Kjöbenhavn 1861: 117-142, *pl. 1-2*. 1862.

7023. *Erindringsord til Forelaesninger over de naturlige Familier* naermest med hensyn til laegeplanter ... Kjφbenhavn (Forlagt af den Gyldendalske Boghandling (F. Hegel) ...) 1862. Oct. (*Erindringsord*).
Publ.: 1862, p. [i-iii], [1]-247, [248]. *Copy*: MO.

7024. *L'Amérique centrale.* Recherches sur sa flore et sa géographie physique. Résultats d'un voyage dans les états de Costa Rica et de Nicaragua exécuté pendant les années 1846-1848 par A. S. Φrsted ... Première livraison. Copenhague [Kφbenhavn] (Imprimerie de Bianco Luno par F. S. Muhle) 1863. Fol. † (*Amér. centr.*).
Publ.: Dec 1863 (p. vi: 1 Jul 1863, BSbF 10 Jan 1864; Bot. Zeit. 15 Jan 1864; Flora 29 Feb 1864; J. Bot. Dec 1864), p. [i-vi], [1]-18, map, tab. phys. *1*, tab. physiogn. *1-2, pl. 1-18* (C. Thornam, nos. 3, 12, 13, 15, 16 partly col.), err. slip. *Copies*: B, BR, FI, G, MICH, MO, NY.
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7025. *Om sygdomme hos Planterne*, som foraarsages af Snyltesvampe, navnlig om Rust og Brand, og om Midlerne til deres Forebyggelse. Fire Ahhandlinger, ... Kjφbenhavn (J. H. Schubothes Boghandling. Thieles Bogtrykkeri) 1863. Oct. (*Sygd. Plant.*).
Publ.: 1863 (p. [iv]: 11 Oct 1863), p. [i-vi], [1]-146, [1, err.], *pl. 1-3* (partly col.). *Copy*: NY. – On p. 125-143 a reprint of J. C. la Cour, Sygdommene i Kornet, with a postscript by C. on p. 145-146, see Christensen, C. (1925) p. 263, no. 1.
Swedish transl.: 1865 (p. vi: Apr 1865), p. [i]-viii, [1]-109, *pl. 1-3*. *Copies*: FH, MO, NY. – Translated by Carl Hartman, see KR p. 793, no. 5. "*Om växtsjukdomar,* som orsakas af parasitsvampar, ..." Örebro (N. M. Lindh) 1865. Oct.

7026. *Frilands-traevaexten i Danmark.* Veiledning til Kundskab om de Traeer og Buske, som kunne dyrkes i Friland i Danmark ... Kjöbenhavn (Th. Linds Forlag. Trykt hos J. H. Schultz.) 1864. Oct. † (*Frilands-traevaext.*).
Første Hefte: 1864, p. [i], [1]-96; *Andet Hefte*: 1867, p. 97-240. – *Copies*: B, NY. – *Salix* by N. J. Andersson.

7027. *Iagttagelser,* anstillede i løbet af vinteren 1863-64, som have ledet til opdagelsen af de hidtil ukjendte Befrugtningsorganer hos Bladsvampene ... Kjöbenhaven (Bianco Lunos Bogtrykkeri ved F. S. Muhle) 1865. Oct.
Publ.: 1865 (presented Jan 1865; Hedwigia Sep 1865), p. [1]-15, *2 pl.* (uncol.). *Copy*: FH. – Reprinted from Overs. Vidensk. Selsk. Förh. 1865: 11-23, *2 pl.* To be cited from journal.
Ref.: Anon., Bull. Soc. bot. France 12(bibl.): 228-232. 12 Nov 1865.
Bary, A. de, Hedwigia 4: 134-135. 1865.

7028. *Nouvelles observations sur un champignon parasite,* dont les générations alternantes habitent sur deux plantes hospitalières différentes ... Copenhague (Imprimerie de Bianco Luno par F. S. Muhle) 1866. Oct.
Publ.: 1866, p. [1]-16, *pl. 3/4* (uncol.). *Copies*: FH, H. French summary of a paper published in Danish in Overs. Vidensk. Selsk. Förh. 1866: 185-196, *pl. 3/4.* 1866. To be cited from Danish original in journal.

7029. *Løvsporeplanterne.* En morfologisk og systematisk udsigt over denne plantegruppe ... Kjøbenhavn (P. G. Philipsens Forlag. Thieles Bogtrykkeri) 1867-1871. Oct. (*Løvsporepl.*).
Part. 1: 1867, p. [1]-48.
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Copies: C, LD. – For Swedish (*Bålsporväxterna,* 1872) and German (*Syst. Pilze,* 1873) versions see below. – The first part was possibly issued with the title "Sporeplanterne", however, we have seen no such t.p. (inf. O. Almborn).

7030. *Recherches sur la classification des Chênes* ... Copenhague (Imprimerie de Bianco Luno. – F. S. Muhle) 1867. Oct. (*Rech. Chênes*).
Publ.: 1867 (Soc. bot. France rd. after 27 Apr 1867; Caspary rd his copy (now NY) on 13 Jan 1868), p. [1]-11, Danish text: [1]-80, *pl. 1-2* (uncol.). *Copies*: G. H, NY, USDA. – Preprinted or reprinted from Vid. Selsk. Skr. 1866: 11-96, *2 pl.* with French summary. 1867. A more detailed french extract came out as "Aperçu sur la classification des chênes – Chênes de l'Amérique 1-21. 1868" (fide Christensen, no. 73b), see also below under Chênes de l'Amérique tropicale (1868).
Ref.: H. S., Bot. Zeit. 26: 345-351. 22 Mai 1868.

7031. *Bidrag til Kundskab om Egefamilien* i Nutid og Fortid ... Kjøbenhavn (Bianco Lunos Bogtrykkeri ved F. S. Muhle) 1871. Qu. (*Bidr. Egefam.*).
Publ.: 1871 (t.p.), but 1872 (back cover), p. [1]-208, *pl. 1-8* (by Christ. Thornam), 1 map. *Copies*: B, L, MICH, NY. – Preprinted from K. Danske Vidensk. Selsk. ser. 5. Skr. 9(B): [331]-538, *pl. 1-8.* 1873, of which p. 335-538 have a french summary: *Études préliminaires sur les Cupulifères* de l'époque actuelle ... also reprinted, 1873, with special cover and p. [i, iii], 335-538, *pl. 1-8,* map. (*Copy*: G).

7032. *Bålsporväxterna.* En morfologisk och systematisk öfversigt öfver denna växtgrupp af A. S. Örsted ... öfversatt af Johan Hulting ... Stockholm (Iwar Haeggströms Boktrykkeri) 1872. Oct. (*Bålsporväxterna*).
Translation: Johan Hulting (1842-?).
Ed. 1: 1872, p. [i-iv], [1]-191, [192, err.], err. slip. *Copies*: C, H, LD (inf. O. Almborn). – Swedish translation of *Løvsporeplanterne,* 1867.
Ed. 2: 1905, p. [1]-81. *Copies*: LD, NY. – Andra, fullständigt omarbetade upplagan ... Stockholm (Beijers Bokförlags-aktiebolag) [1905].

7033. *Praecursores florae centroamericanae.* Fragmentum posthumum, ... Hauniae [Kø-benhavn] (apud Th. Lind. Typis Bianco Luno.] Oct. (*Praecurs. fl. centroamer.*).
Publ.: 1873, p. [i,iii], [1]-99. *Copies*: Stevenson, US, USDA. – See Christensen no. 105. – A note in Bull. Soc. bot. France (22(bibl.): 153-154. 1875) mentions a first commercial

distribution of loose sheets of p. 1-96, "now [1875] brought up to 99." These sheets were mentioned in Bull. 19(séances): 248. 1873.
Ref.: G. K., Bot. Zeit. 32: 365. 5 Jun 1864.

7034. A. S. Oersted's *System der Pilze*. Lichenen und Algen. Aus dem Dänischen. Deutsche vermehrte Ausgabe von A. Grisebach und J. Reinke. Mit 93 Figuren in Holzschnitt. Leipzig (Verlag von Wilhelm Engelmann) 1873. Oct. (*Syst. Pilze*).
Translation by: August Heinrich Rudolph Grisebach (1814-1879), Johannes Reinke (1849-1931).
Publ.: Jan-Apr 1873 (p. vi: 29 Sep 1872; Bot. Zeit. 25 Apr 1873), p. [i]-viii, [1]-194. *Copies*: FH, MICH, NY, Stevenson, USDA. For Danish original see above: *Løvsporeplanterne* (1867), (Swedish) *Bålsporväxterna* (1872).
Ref.: Anon., Bot. Zeit. 31: 272. 1873.

Oertel, C. Gustav (1833-1908), German botanist and high school teacher at Gehofen (nr. Artern). (*Oertel*).

HERBARIUM and TYPES: HAL (Werner 1955); contributed to Sydow, *Mycotheca germanica*; further material at B, E, IBF, OXF and WAG.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 22; Kelly p. 163; SBC p. 128.
Anon., Bot. Not. 1909: 100 (d.); Hedwigia 48(3): (141). 1909 (d.).
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 115. 1970.
Sayre, G., Bryologist 80: 514. 1977 (bryoph. at HAL?).
Werner, K., Wiss. Z. Martin-Luther-Univ. Halle-Wittenberg 4: 776. 1955 (herb. at HAL).

COMPOSITE WORKS: Dr. L. Rabenhorst's *Kryptogamen-Flora* von Deutschland, Oesterreich und der Schweiz. II. Auflage-Erster Band: *Pilze* von Dr. G. Winter. *Register* der I. Abtheilung. (Lieferung 1-13). Bearbeitet von G. Oertel, Custos am Landwirtschaftlichen Institut der Universität Halle . . . Leipzig (Verlag von Eduard Kummer) 1885. Oct., p. [i-ii], [1]-63. *Copy*: USDA.

Østrup, Ernst Vilhelm (1845-1917), Danish algologist. (*Østrup*).

HERBARIUM and TYPES: C.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 22; BJI 2: 126; CSP 17: 596; De Toni 4: xlii; IH 2: (in press); Kew 4: 177; MW p. 360.
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Fryxell, G. A., Beih. Nova Hedw. 35: 363. 1975.
Hemsley, W. B., Biol. centr.-amer. 4: 130. 1887.
Hustedt, F., Ber. deut. bot. Ges. 53: 16. 1935.
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Sayre, G., Mem. New York Bot. Gard. 19(3): 373. 1975.
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(b) *Diatoms from the marine algae of the Faeröes, in* 2: 533-558. Mar 1903.
(2) Kolderup-Rosenvinge, J. L. A. & Warming, E., eds., *The botany of Iceland*:
(a) *Marine diatoms from the Coasts of Iceland, in* 1(2). 1918.
(b) *Fresh-water diatoms from Iceland, in* 2(1)(5). 1918, p. [1]-98, *pl. 1-5*.

EPONYMY: *Oestrupia* Heiden ex Hustedt (1935).

7035. *Danske Diatoméer* ... Kjøbenhavn (C. A. Reitzels Boghandel ...) 1910. Oct. (*Dan. Diatom.*).
Publ.: 1910 (ÖbZ rd. Oct 1910; Bot. Centralbl. 14 Mar 1911), p. [i]-xiii, [1, h.t.], [1]-323, *pl. 1-5* with text. *Copies*: FH, H; IDC 6440.

Oettel, Karl Christian (1742-1819), German botanist. (*Oettel*).

HERBARIUM and TYPES: GLM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 22; CSP 4: 660; Futák-Domin p. 437; Hegi 6(1): 484; Herder p. 186; IH 2: (in press); PR 6817 (ed. 1: 7616); Rehder 5: 632.

7036. *Systematisches Verzeichnis der in der Oberlausiz wild wachsenden Pflanzen* ... Görliz (bei C. G. Anton) 1799. Oct. (*Syst. Verz. Oberlausiz Pfl.*).
Publ.: 1799 (p. [8]: Mar 1799), p. [1]-88. *Copies*: G, USDA.

Offner, Jules (1873-1957), French botanist at Grenoble; Lic. sci. nat. (Lyc. Champollion) 1895, Dr. méd. Grenoble 1901; in various functions at the University of Grenoble 1895-1937; mainly specialized as mycologist, toxicologist, pharmacologist. (*Offner*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 22; BL 2: 112, 144, 168, 199, 697; CSP 17: 598; Kelly p. 162-163; Kew 4: 178; LS 19434-19435, suppl. 20410-20416; TL-2/4397.
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Ogata, Masasuke (1883-1944), Japanese botanist. (*Ogata*).

HERBARIUM and TYPES: Plants from Java in the herbarium of Takeda Medicine Industrial Co., Jyusô, Osaka.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 23; IF suppl. 3: 216, 4: 334-335; IH 2: (in press); MW p. 360, suppl. p. 263; NI 1465; SK 1: 392, 5: cccviii.

7037. *Icones filicum Japoniae* ... Tokyo (Sansyusha) 1928-1940, 8 vols. (*Icon. fil. Jap.*).
1: 1928 (Nat. Nov. Jun 1929), p. [i], [1-7 jap.], [iii-iv], *pl. 1-50* with text, [1]-3, [5].
2: 1929 (Nat. Nov. Aug 1930), p. [i, iii-iv], err. sheet for vol. 1, *pl. 51-100* (id.), [1-3].
3: 1930 (Nat. Nov. Dec 1930), p. [i, iii-iv], *pl. 101-150* (id.), [1-5].
4: 1931 (Nat. Nov. Aug 1931), p. [i, iii-iv], *pl. 151-200* (id.), [1-3].
5: 1933 (Nat. Nov. Aug 1933), p. [i, iii-iv], *pl. 201-250* (id.), [1-3].
6: 1935 (Nat. Nov. Jul 1935), p. [i, iii-iv], *pl. 251-300* (id.), [1-4].
7: 1936, (Nat. Nov. Dec 1936), p. [i, iii-iv], *pl. 301-350* (id.), *pl.* [*1*]-*3*, [*1*].
8: 1940, p. [i-iv], *pl. 351-400*, [1]-3.
Copies: MO, NY, USDA (1-7).

Ogden, Eugene Cecil (1905-x), American botanist; Dr. phil. Univ. Maine 1938; in various functions at the University of Maine 1938-1952; from 1952 State Botanist of New York. (*Ogden*).

HERBARIUM and TYPES: Material at GH, MAINE, NYS, and US (Mexico).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 23; BL 1: 185, 311; Bossert p. 292; GR p. 235; IH 2: (in press); Kew 4: 178; Langman p. 550; Roon p. 84; TL-2/1743.
Knobloch, I. W., Pl. coll. N. Mexico 48-49. 1979 (b. 3 Jan 1905; Mex. coll. and itin.).

7038. *The herbaceous flowering plants* (exclusive of grasses and sedges) growing without

cultivation in the vicinity of Orono, Maine ... Orono, Maine (printed at the University Press) 1935. (*Herb. fl. pl.*).
Publ.: Feb 1935, p. [1]-77. *Copy*: US. – The Maine Bulletin 37(8), 1935.

Ohlendorff, J. H. (x-1857), German gardener at Hamburg. (*Ohlend.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 24; Hortus 3: 1201 ("Ohlend."); Kew 4: 179; Rehder 1: 47, 5: 632; Tucker 1: 528.
Anon., Bot. Zeit. 15: 608. 28 Aug 1857; Flora 4(1): 125. 1821.
Voigt, A., Bot. Inst. Hamburg 25, 34. 1897.

EPONYMY: *Ohlendorffia* J. G. C. Lehmann ex Schlechtendal (1837) is very likely named for him but the author of the generic name gives no derivation.

7039. *Verzeichniss der im Freien ausdauernden Bäume, Gesträuche und Staudengewächse*, so wie der Hauspflanzen, welche in Hamburgischen botanischen Garten abgegeben werden können. Hamburg (Gedruckt bey J. A. Meissner, ...) 1828. Qu. (*Verz. Bäume Gesträuche Staudengew.*).
Publ.: 1828, p. [1]-107. *Copy*: NY. – The name of the author is given on p. 107.

Ohlert, [Otto Ludwig] Arnold (1816-1875), German lichenologist and "Regierungs- und Schulrath" at Danzig. (*Ohlert*).

HERBARIUM and TYPES: Originally at Königsberg (now Kaliningrad), destroyed; some material still at MW.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 24; CSP 4: 665, 8: 527; GR cat. p. 69; Hawksworth p. 185; Herder p. 259; Jackson p. 160; Kelly p. 163; Kew 4: 179; LS 19442-19447; PR 6818, 16612; SBC p. 128.
Candolle, Alph. de, Phytographie 437. 1880 (types KBG).
Laundon, J. R., Lichenologist 11: 15. 1979 [cites Kaliningrad for coll. lichens but our information is that all old Königsberg material was destroyed].
Szymkiewicz, D., Bibl. fl. Polsk. 47. 1925.

7040. *Verzeichniss preussischer Flechten*, ... [Königsberg (Druck der Universitäts- Buch- und Steindruckerei von E. J. Dalkowski) 1863]. Qu.
Publ.: 1863, p. [1]-29. *Copy*: G. – Reprinted and to be cited from Schr. K. phys.-ökon. Ges. Königsberg 4: 6-34. 1863.

7041. *Zusammenstellung der Lichenen der Provinz Preussen* ... Königsberg (Druck der Universitäts-Buch- und Steindruckerei von E. J. Dalkowski) [1870]. Qu.
Publ.: Oct-Dec 1870 or Jan-Feb 1871 (t.p. journal; p. 51: 25 Sep 1870; Flora 21 Mar 1871; ÖbZ 1 Jun 1871; Bot. Zeit. 16 Jun 1871; Hedwigia Apr 1871), p. [i], [1]-51. *Copy*: B. – Reprinted and to be cited from Schr. k. phys.-ökon. Ges. 11: 1-51. 1870.

Ohwi, Jisaburo (1905-1977), Japanese botanist; Ph.D. Kyoto Univ. 1930; lecturer at Kyoto 1936-1943; at Buitenzorg 1943-1945; from 1946 at the Science Museum, Tokyo. (*Ohwi*).

HERBARIUM and TYPES: until 1945 KYO, afterwards TO; other material at B, BH, BO, GB, E, LE, MO, NY, TNS, UPS, US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 24; Bossert p. 292; Hortus 3: 1201 ("Ohwi"); IF suppl. 3: 216, 4: 335; IH 2: (in press); Kew 4: 180-181; MW p. 361-362, suppl. p. 265-267; Roon p. 84; SK 1: 392; Zander ed. 10, p. 698, ed. 11, p. 796.
Anon., Taxon 7: 118. 1958; 27: 143. 1978.
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Okamura, Kintarô (1867-1935), Japanese algologist. (*Okam.*).

HERBARIUM and TYPES: Algae at Imperial Fisheries Institute, Tokyo. Exsiccatae: *Algae Japonicae exsiccatae,* fasc. 1-2, nos. 1-100, 1899-1903, sets at AHFH, B, BM, BR, C, FH, HBG, K, L, LD, LE, M, MANCH, MICH, NY, PC, UPS, W.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 25; Bossert p. 293; CSP 17: 604-605; De Toni 4: xviii, xlii-xliii; Hirsch p. 218; IH 2: (in press); Kew 4: 181-182; MW p. 363-365 (main bibl.), suppl. p. 269; NI 1466-1467; Urban-Berl. p. 267.
Anon., Hedwigia 75(2): (166). 1936 (d. 21 Aug 1935).
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Merrill, E. D., B.P. Bishop Mus. Bull. 144: 144-145. 1937 (Polynes. bibl.); Contr. natl. Herb. U.S. 30(1): 230-231. 1947 (Pacific bibl.).
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Okamura, K., Bot. Centralbl. 93: 301-303. 1903 (fasc. 2 publ. Jul 1903; list).
Sayre, G., Mem. New York Bot. Gard. 19(1): 91. 1969.
VanLandingham, S., Cat. diat. 6: 3574. 1978; 7: 4210. 1978.

EPONYMY: *Okamurina* A. D. Zinova (1972), *Okamurina* A. D. Zinova (1976).

7042. *Icones of Japanese algae* . . . Tokyo, Japan (Kazamashobo . . .) 1907-1942, 7 vols. (*Icon. Jap. alg.*).
1: 1 Mai 1907 – 15 Mar 1909 (in ten parts; for precise dates see list facing t.p.), p. [ii*-iii*], [i]-ii, [1]-258, *pl. 1-50,* [1]-8.
2: 28 Mai 1909 - 28 Nov 1912 (id.), p. [ii-iii], [1]-2, [1]-191, *pl. 51-100,* [1]-4, [1]-2.
3: 14 Mai 1913 - 12 Oct 1915 (id.), p. [ii-vii], 1-218, *pl. 101-150,* [1]-8.
4: 10 Feb 1916 - 5 Mar 1923 (id.), p. [ii-iii], 1-5, 1-205, *pl. 150-200,* [1]-6, [1]-2.
5: 10 Dec 1923 - 10 Mai 1928 (id.), p. [ii-iii], 1-3, 1-203, 1-6, *pl. 201-250.*
6: 20 Jun 1929 - 28 Dec 1932 (id.), p. [ii-iii] [1]-4, 1-96, [1], [1]-2, *pl. 251-300.*
7: 21 Nov 1933 - 25 Apr 1942 (id.), p. [ii-iii], 1-3, 1-116, [1]-41, *pl. 301-345.*
Copies: BR, US; IDC 2286. – Preceded by *Illustrations of the marine algae of Japan,* 6 fasc., 1900-1902.
Ref.: Möbius, M., Bot. Centralbl. 86: 5-6. 1901 (rev. 1(1)).

7043. *Nippon kaisô shi* [Algal flora of Japan]. Tokyo 1936. Oct.
Publ.: 1936 (Nat. Nov. Aug 1936), p. [i], portr., [1]-11, [1]-6, [i], [1]-964, [1]-11. *Copy*: US – Reprinted 1956.

Okamura, Shûtai (1877-1947), Japanese bryologist. (*S. Okam.*).

HERBARIUM and TYPES: NICH; other material at FH and H.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 25; BM 7: 952; IH 1 (ed. 6): 362, 2 (in press); Lenley p. 316; MW p. 365-366; SBC p. 128.
Brotherus, V. F., Öfv. Förh. Finska Vet.-Soc. 49: 2. 1906.
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EPONYMY: *Okamuraea* V. F. Brotherus (1906).

7044. *Contributiones novae ad floram bryophyton japonicam* . . . Tokyo (published by the University . . .) 1915-1916, 2 parts. (*Contr. bryoph. jap.*).
1: 31 Mar 1915, p. [1]-51, *pl. 1-24* with text. – J. Coll. Sci. Univ. Tokyo, vol. 36, art. 7.
2: 25 Jul 1916, p. [1]-100. – Ib. vol. 38, art. 4.
Copies: BR, H.

Oken, Lorenz (until 1802: Okenfuss) (1779-1851), German naturalist, physician, philosopher and philologist; Dr. med. Freiburg i.B. 1804; at Jena university 1807-1819; at München 1827-1832, at Zürich from 1832; main proponent of the German "Naturphilosophie" and longtime editor of Isis. (*Oken*).

HERBARIUM and TYPES: Some material at BP.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 261; BM 3: 1466; Bossert p. 293; CSP 4: 667-668, 17: 605; Frank 3(Anh.): 73; GR p. 36, cat. p. 69; Herder p. 22, 30, 94; Hortus 3: 1201 ("Oken"); Jackson p. 17, 37; Krempelh. 1: 100, 467, 2: 9, 172; LS 19450; MD 193-195; Moebius p. 52, 54, 150; PR 6820 (ed. 1: 7617-7619); Quenstedt p. 319; Rehder 5: 632; Zander ed. 10, p. 698, ed. 11, p. 796.

Anon., Bonplandia 2: 205, 267. 1854 (cogn. Leopoldina: Hercules [sic], b. 1 Aug 1779, d. 11 Aug 1851); Bot. Zeit. 9: 648. 1851; 11: 344. 1853 (sale library); Flora 34: 574. 1851 (d.), 36: 240. 1853 (sale library); Österr. bot. W. 1: 283. 1851 (d.).
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Candolle, A. P. de, Mém. souvenirs 375, 376. 1862.
Carus, C. G. und C. F. P. von Martius, Eine Altersfreundschaft in Briefen 15, 123, 125, 132, 1940.
Ecker, A., Lorenz Oken, a biographical sketch. London, 1883, xxiv, 183 p. (portr.) (translation from the German by Alfred Tulk); Lorenz Oken. Eine biographische Skizze. Stuttgart 1880; Tagebl. Ges. deut. Naturf. Aerzte 52. Versamml., 4: 45-46, 106-123. 1879.
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Merrill, E. D., J. Arnold Arb. 31: 264-287. 1950 (unlisted technical plant names in Oken, Allg. Naturgesch. für alle Stände 1839-1841, q.v.).
Nissen, C., Zool. Buchill. 301. 1969 (q.v. for further biogr. refs.).
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Poggendorff, J. C., Biogr.-lit. Handw.-Buch 2: 319. 1863 (b. 1 Aug 1779, d. 11 Aug 1851).
Ratzeburg, J. T. C., Forstwiss. Schriftst. Lex. 380-383. 1872 (reprints obit. Streubel, Voss. Zeit. 1851, 195, Beilage 1).
Sachs, J. v., Hist. botanique 179. 1892.
Sachse, C. Tr., Allg. deut. naturh. Zeit. 2: 463-464. 1847 (obit.).
Sarton, G., Isis 44(3): 233-234. 1953 ("Why Isis").
Schmid, G., Chamisso als Naturforscher 171. 1942.
Smit, P., Scientiar. Hist. 6: 66-88. 1964; 8: 87-93. 1966; *in* Querner, H. & H. Schipperges. Wege der Naturforschung 1822-1972, p. 101-124. 1972; 10: 100-105. 1968.
Taton, R., ed., Science in the nineteenth century 349, 429, 550. 1965.
Wittrock, V. B., Acta Horti Berg. 3(2): 137. 1903, 3(3): 146, 213. 1905.

COMPOSITE WORKS: Founder and editor of *Isis*, oder Encyclopädische Zeitung von Oken. Jahrg. 1817-1847, 32 vols.

EPONYMY: *Ockea* F. C. Dietrich (1815 & 1819); *Okenia* Schlechtendal et Chamisso (1830).

7045. Okens *Lehrbuch der Naturgeschichte* ... Zweyter Theil. Botanik ... Jena (bey August Schmid) 1825-1826, 2 parts. Oct. † (*Lehrb. Naturgesch.*).
Publ.: in three volumes (vol. 1 Mineralogie, vol. 3 Zoologie see MD) of which vol. 2 on Botany, to be published in two Abtheilungen of which the first remained unpublished. The Zweite Abtheilung came out in two parts. For bibliographic details see MD.

2(2.1): Jan-Sep 1925, p. [i]-xv, [xvi], [1]-1077, [1078, err.]. – "Zweyter Abtheilung erste Hälfte. Mark- und Stamm-Pflanzen."
2(2.2): 1826, p. [i]-xv, [xvi], [1]-1428, [1429-1430]. *Copy*: G.

7046. *Esquisse du système d'anatomie* de physiologie et d'histoire naturelle, par Oken. A. Paris (Chez Béchet Jeune, ...) 1821. Oct. (*Esq. syst. anat.*).
Publ.: Oct 1821 (t.p.), p. [i], [1]-62. *Copies*: G, MICH.

7047. *Allgemeine Naturgeschichte* für alle Stände ... Zweyter Band oder Botanik erster Band. Stuttgart (Hoffmann'sche Verlags-Buchhandlung) 1839. Oct. (*Allg. Naturgesch.*).
Botanik erster Band: 1839, p. [i*], [i]-iv, [3]-386.
Botanik zweyten Bandes erste Abtheilung: 1841, p. [1]-702 Mark- und Schaftpflanzen. – Is vol. 3(1) of Allg. Naturgesch.
Botanik zweyten Bandes zweyte Abtheilung: 1841, [i], [703]-1448. – Stamm- und Blüthenpflanzen. – Is vol. 3(2) of Allg. Naturgesch.
Botanik zweyten Bandes dritte Abtheilung: 1841, p. [i], [1449]-2135, [2136], chart. 2137-2142, [i]-xxx, [1]-44. – Fruchtpflanzen. – Is vol. 3(3) of Allg. Naturgeschichte.
Copies: MICH, NY. – For *atlas* see below *Abb. Allg. Naturgesch.* – for an extensive discussion of the nomenclatural importance of this often overlooked work see Merrill (1950) with citation of unlisted names with synonymy.

7048. *Abbildungen zu Oken's allgemeiner Naturgeschichte* für alle Stände. Stuttgart (Hoffman-'sche Verlags-Buchhandlung) 1843. Fol. (*Abb. Oken allg. Naturgesch.*).
Publ.: 1843; the botanical part has *pl. 1-22* with 48 p. explanation. *Copies*: G, MO. – In all *164 pl.* of which 130 col.

Oldenland, Henrik Bernard (x-1699), Danish physician and botanist; studied under Paul Hermann at Leiden and went to the Cape around 1695; superintendent of the Dutch East Indian Company's Garden at Cape Town.

HERBARIUM and TYPES: Oldenland's herbarium seems to have consisted originally of 13 or 14 folio volumes of plants accompanied by descriptions. The herbarium was evidently disposed of in parts by Oldenland's widow. The most important part came ultimately in the hands of the Burman family and was given on loan to Linnaeus by Nicolaus Laurens Burman. Linnaeus based many of his *Plantae rariores africanae* (1760) on these plants. This part of the Oldenland collections is now at G. Another part was acquired by Sir Hans Sloane and is now at BM. Linnaeus received duplicates from Burman, hence the presence of some Oldenland specimens in LINN. The Thunberg herbarium (at UPS) also contains Oldenland specimens from the Cape. It is probable that Thunberg received these from the Burmans. Some Oldenland material is also at B-WIL and OXF.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 405; Barnhart 3: 26; Clokie p. 219; Frank 3(Anh.): 73; Lasègue p. 66; TL-2/931, see J. and N. L. Burman; Urban-Berl. p. 379.
Britten, J., J. Linn. Soc. 45: 34-35. 1920.
Bullock, A. A., Bibl. S. Afr. bot. 80. 1978.
Dandy, J. E., The Sloane herbarium 173. 1958.
Fries, Th. M., Bref Skrifv. Linné 1(6): 217. 443.
Hermann, P., Parad. bat. 25, 26, 60, 153, 172. 1698.
Herre, H., Gen. Mesembryanthem. 39. 1971.
Hornemann, J., Nat. Tidskr. 1: 562-563. 1837.
Hulth, J. M. & A. H. Uggla, Bref Skrifv. Linné 2(2): 296 [index]. 1943.
Jackson, B. D., Index to the Linnean herbarium 16. 1912; Proc. Linn. Soc. 134 (suppl.): 19. 1922.
Karsten, M. C., The Old Company's Garden 180 [index]. 1951.
Linnaeus, C., Fl. cap. 4. 1759.
Murray, G., Hist. coll. BM(NH) 171. 1904 (hort. sicc. cap.).
Plumier, C., Nov. pl. amer. gen. 42. 1703.
Smith, J. E., Rees Cyclopaedia 25: Oldenlandia. 1813.
Stafleu, F. A., Linnaeus and the Linnaeans 169. 1971.
Thunberg, C. P., Voyages 1: 31. 1796.

Valentijn, T., Oud en Nieuw Oost-Indien 5(2): 22-29. 1726 (descr. herb. and garden of O.).
White, A. & B. L. Sloane, The Stapelieae 175, 176, 1933, ed.2. 1119, 1120. 1937.

HANDWRITING: J. E. Dandy, The Sloane herbarium 246, Handwriting sample no. 96. 1958.

Oldham, Thomas (1816-1878), British geologist, paleontologist and botanist; B. A. Dublin 1836; director of the Irish Geological Survey (1840-1850), of the Indian Geological Survey 1850-1876. (*Oldham*).

HERBARIUM and TYPES: material at CAL and K.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 310; Barnhart 3: 27; BB p. 233; BM 3: 1467; CSP 4: 672, 8: 528, 10: 953, 12: 545 17: 607; Desmond p. 471; DNB 42: 111-112; IH 2: (in press); Jackson p. 290; Quenstedt p. 319.
Anon., Bonplandia 6: 49. 1858 (cogn. Leopoldina: Aubert); Geol. Mag. dec. 2. 5(8): 382-384. 1878 (b. Mai 1816, d. 17 Jul 1878).
Burkill, I. H., Chapt. hist. bot. India 71, 119, 197. 1965.
Poggendorff, J. C., Biogr.-lit. Handw.-Buch 3: 985. 1898 (bibl.).
Sorby, H. C., Proc. Geol. Soc. London 35: 46-48. 1879 (d. 20 Jul 1878).

EPONYMY: *Oldhamia* E. Forbes (1848).

7049. Memoirs of the Geological Survey of India. Palaeontologica indica. Being figures and descriptions or the organic remains procured during the progress of the Geological Survey of India ... 2.1. *The fossil flora of the Rajmahal series,* Rajmahal Hills, Bengal; ... Calcutta (printed for the government of India sold by Thacker, Spink & Co., ...) 1862. Qu. (*Foss. fl. Rajmahal ser.*).
Co-author: John Morris (1810-1886).
Publ.: 1862 (p. iii: Mar 1862), p. [i, iii], [1]-52, *pl.*, with text, *1-34* (liths. H. L. Frazer). *Copy*: NY.

Olin, Johan Henric (1769-1824), Swedish botanist; Dr. phil. Uppsala 1794, Dr. med. ib. 1797; amanuensis at the Uppsala bot. museum, later regional physician in Växjö distr., professor's title 1812. (*Olin*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 27; Hortus 3: 1201 ("Olin"); KR p. 564; PR 6826 (ed. 1: 7629-7630); Rehder 5: 633.
Löwegren, Y., Naturaliekabinett i Sverige 223, 359. 1952 (had a herbarium).
Scheutz, N. J. W., Bot. Not. 1863: 70.

EPONYMY: *Olinia* Thunberg (1800, *nom. cons.*).

7050. *Plantae svecanae,* annonae imprimis difficultate urgente, victui humano inservientes, quarum partem primam venia exper. facult. med. Upsal. publico examini subjiciunt Johannes Henricus Olin, med. et philos. doctor. et Johannes Ericus Ulfsberg, Stockholmiensis. In audit. Gust. maj. d. 6 decembris 1797. h.a.m.s. Upsaliae [Uppsala] (Litteris Johan. Fredr. Edman, ...) [1797]. Qu. (*Pl. svec.*).
Part 1: 6 Dec 1797, p. [i], [1]-18.
Part 2: 12 Mai 1798, p. [i-iv], [19]-30. – "... partem secundam ... et Samuel Rogberg, ... in audit. Gust. maj. d. xii maji mdccxccviii. Horis Consuetis." Upsaliae (id.) [1798].
Copies: G, NY.

7051. *Dissertatio de Arnica,* quam consensu exper. facult. med. Ups. proponunt Johannes Henr. Olin, ... & Johannes Fredericus Ladau, nobilis. Smolandi. In audit. Gust. maj. d. 30 octob. 1799. H.A.M.S. Upsaliae [Uppsala] (Litteris Joh. Fred. Edman, ...) [1799]. Qu. (*Diss. Arnica*).
Publ.: 30 Oct 1799, p. [i], [1]-34. *Copy*: G.

Oliva, Leonardo (1805-1873), Mexican botanist and pharmacologist. (*Oliva*).

HERBARIUM and TYPES: Unknown; circa 100 specimens from Mexico in P.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 27; CSP 12: 546, 17: 608; IH 2: (in press); Langman p. 551; Rehder 5: 633.
Leon, N., Bibl. bot.-mexic. 201. 1895.
McVaugh, R., Contr. Univ. Mich. Herb. 9: 287-288. 1972 (coll.).
Oliva, L., La Naturaleza (5): 88-90, 5 (8): 127-133. 1882 (Florula del Departamento de Jalisco escrito en el año de 1859, por el Sr. Dr. Leonardo Dugés).

EPONYMY: *Olivaea* Schultz-Bip. ex Bentham (1872).

Olive, Edgar William (1870-1971), American botanist; Dr. phil. Harvard 1904; instructor in phanerogamic botany Wabash 1893-1895; high school teacher at Frankfort, Ind. 1895-1896, botanist at Harvard 1897-1903; at Madison, Wisc. 1904-1907; at State Agricultural College S. Dakota 1907-1912; curator of the Brooklyn botanical garden 1912-1920. (*Olive*).

HERBARIUM and TYPES: Material at CUP, L, SDC, TEX.

BIBLIOGRAPHY and BIOGRAPHY: Bossert p. 293; CSP 17: 608; Kelly p. 163; Kew 4: 183; LS 19452-19457, 37509-37516, suppl. 20472-20482; NAF 7: 1080; Pennell p. 615; Stevenson p. 1253.
Anon., Amer. men. sci. 1906: 238; Nat. Nov. 34: 437. 1912 (app. Brooklyn bot. gard.); Österr. bot. Z. 57: 367. 1907 (app. S. Dakota); Old Wabash winter 1971, p. 8 (portr., d. 3 Jan 1971); Wabash Bull. Aug 1966, p. 19.
Robinson, B. L., *in* Development of Harvard Univ. 341. 1930.

EPONYMY: *Olivea* Arthur (1917). *Note*: *Oliveonia* Donk (1958) is named for the present-day American mycologist, Lindsay Olive (1917-x).

7052. *Monograph of the Acrasieae* ... Boston (printed) for the [Boston] Society [of Natural History] from the Gurdon Saltonstall Fund. August 1902.
Publ.: Aug 1902 (Nat. Nov. Oct(1) 1902), cover [with above text], p. [451]-513, [1, expl. pl.], *pl. 5-8* with text. *Copy*: NY. – Reprint with special cover and to be cited from Proc. Boston Soc. nat. Hist. 30(6): 451-513, *pl. 5-8*.

Oliver, Daniel (1830-1916), British botanist; assistant at the Kew herbarium 1858-1864, keeper 1860-1890; professor of botany at University College, London, 1861-1888. (*Oliver*).

HERBARIUM and TYPES: K; further material at BM, CGE, GRA, LIV and OXF.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 407; Barnhart 3: 27; BB p. 233; BJI 1: 43; BL 1: 21, 27, 63, 100, 244, 311; BM 3: 1468, 7: 953; Bossert p. 293; Bret. p. 816; Clokie p. 219; CSP 4: 674-675, 8: 528, 10: 953-954, 12: 546, 17: 608-609; Desmond p. 471-472; Frank 3(Anh.): 73; Herder p. 469; Hortus 3: 1201 (D. Oliver); Jackson p. 51, 53, 65, 66, 346, 384, 413; Kew 4: 184; Langman p. 551; Moebius p. 88, 143, 144, 329, 330, 331, 381; Morren (ed. 2): 23, (ed. 10): 70, 71; MW p. 366-370, suppl. p. 271; NI 1468-1469; PR 6827-6830; Rehder 5: 633; RS p. 121; TL-2/3006, see index vol. 2; Tucker 1: 528; Zander ed. 10, p. 698, ed. 11, p. 796.
Allan, M., The Hookers of Kew 212-213, 233, 241, 248. 1967.
Anon., Bot Centralbl. 43: 128. 1890 (retirement); Bot. Not. 1917: 96 (d.); Bull. misc. Inf. Kew 1893: 188-189 (Linn. gold medal); 1917: 31-36 (obit., bibl.); Gard. Chron. 30 Dec 1916; J. Bot. 32: 32. 1894 (portrait by J. W. Forster to be placed at Kew); 68: 224. 1930 (on an exhibition of O's drawings); Magy. bot. Lap. 15: 312. 1916; Nat. Nov. 12: 305. 1890 (retirement) 39: 114. 1917 (d. 23 Dec 1917; incorrect); Nature 98: 331. 1916; Österr. bot. Z. 67: 47. 1918 (d. 21 Dec 1916).
Britten, J., J. Bot. 28: 216-217. 1890, 55: 89-95, 143. 1917 (portr.; important because of Britten's personal recollections, not in the least with respect to himself); 65: 238. 1927 (on his professorship at University College).

Bullock, A. A., Bibl. S. Afr. Bot. 81. 1978.
Dolezal, H., Friedrich Welwitsch 243 [index]. 1974.
Druce, G. C., Bot. Soc. Exch. Club Brit. Isl. Rep. 4(5): 466-467. 1917 (obit.).
Harvey-Gibson, R. J., Outlines hist. bot. 249, 251. 1914.
Hemsley, W. B., J. Kew Guild 1898 (Mai): front. and 1 p. text; Proc. R. Soc. B 90: 11-15. 1917 (portr.).
Huxley, L., Life letters J. D. Hooker 2: 557-558 [index]. 1918.
Jackson, B. D., Bull. misc. Inf. Kew 1901: 29 (pl. from Isère, Dauphiné), 50 (Europ. pl.); Proc. Linn. Soc. Lond. 129: 53-57. 1917 (obit., b. 6 Feb 1830, d. 21 Dec 1916).
Kent, D. H., Brit. herb. 71. 1957 (Brit. pl. at BM(Hieracium)).
Kneucker, A., Allg. bot. Z. 23: 32. 1917 (d. 16 Dec 1916, incorrect).
Merrill, E. D., B. P. Bishop. Mus. Bull. 144: 145. 1937 (Polynes. bibl.); Contr. U.S. natl. Herb. 30(1): 231. 1947; Chron. bot. 14: 179, 188, 261, 265, 289, 342. 1954 (botany Cook's voyages).
Milner, J. D., Cat. portr. Kew 88. 1906.
Nelmes, E. & Cuthbertson, Bot. Mag. Dedications 159-160. 1931 (portr.).
Oliver, D., Proc. Linn. Soc. London 1892/1893: 19-20. 1894 (reply after having rd. gold medal Linn. Soc. Lond.; medal presented by Stewart).
Praeger, R. L., Proc. R. Irish Acad. 7: cxxxvi. 1901; Bot. Ireland 78. 1934; Some Irish natural. 138. 1949.
Schinz, H., Ber. deut. bot. Ges. 34: (100)-(106). 1917 (bibl.).
Stewart, J. Bot. 31: 190-191. 1893 (gold medal Linn. Soc.).

COMPOSITE WORKS: (1) Editor of Hooker's *Icones plantarum plates 1926-2425*, vols. 20(2)-25(1), 1890-1895.
(2) *Flora of Somali-land, in* F. L. James, The unknown horn of Africa p. 317-324, London 1888 (see Roth, E., Bot. Jahrb. 11(Lit.): 29. 2 Apr 1889).
(3) Co-editor, *The natural History Review* [second series], vols. 1-5, 1861-1865.
(4) *Editor* and in part author of *Flora of tropical Africa*, vols. 1-3, 1868-1877; see below under no. 7055.

NOTE: Oliver was the author of the generic name *Actinotinus* which was the *pièce de résistance* of one of the few colorful entries in the pre-Leningrad Code, namely the former article 70: "A name is to be rejected if it is based on a type consisting of two or more entirely discordant elements, . . ." Oliver identified several of A. Henry's plants from China and described them in the *Icones plantarum*. One specimen had "leaves like those of an *Aesculus* and terminal clusters of flowers of the ordinary *Viburnum* structure" (Hemsley 1917). Oliver described the plant as a new genus *Actinotinus*. Somewhat later a similar specimen consisting of "discordant elements" was found in the same collection and Oliver, Hemsley and Brown discovered a fraud. In Hemsley's words of 1917 "it flashed accross Oliver's brain that John Chinaman had deceived him . . ." and it was found that "the inflorescence of a Viburnum [had] been inserted into the terminal bud of an *Aesculus* by a native chinese collector" (Int. Rules. but Nom. ed. 3, 1935, Art. 64). Hemsley in relating this story adds "but I do know that the same Chinaman tried the same trick with Mr. E. H. Wilson, was detected and mulcted of three weeks' wages." Colonial mentality in a terminal bud.

When presented with the Linnean Society's Gold Medal in 1893, Oliver, "in a characteristically modest reply . . . deprecated the honour . . ." because he was "almost absolutely destitute of the great hankering after research which characterized modern science" (Britten 1917) (See Oliver 1894 for correct wording).

EPONYMY: *Oliverella* Van Tieghem (1895); *Oliveriana* H. G. Reichenbach (1876); *Oliverodoxa* O. Kuntze (1891). Note: *Oliveranthus* J. N. Rose (1905) and *Oliverella* J. N. Rose (1903) were named for George W. Oliver (1857-1923) a horticulturist with the National Botanical Garden in Washington, D. C. and the United States Department of Agriculture.

7053. The natural order Aurantiaceae, with a synopsis of the Indian species . . . [Supplement to the Journal of the Proceedings of the Linnean Society of London] [1861]. Oct. (*Aurantiaceae*).
Publ.: 24 Mai 1861 (A. T. Gage, Hist. Linn. Soc. Lond. 121. 1978; BSbF Feb 1862), p. [1]-44. *Copy*: USDA. – J. Proc. Linn. Soc. London 5(2): 1-44. 1861.

7054. *Lessons in elementary botany*. The part on systematic botany based upon material left in manuscript by the late Professor Henslow . . . by Daniel Oliver, . . . London and Cambridge (Macmillan and Co.) 1864. Oct. (*Lessons elem. bot.*).
Syst. bot., author: John Stevens Henslow (1796-1861).
Ed. 1: Jan-Jun 1863 (p. viii: Sep 1863; Amer. J. Sci. Jul 1864; Flora 31 Aug 1864), p. [i]-viii, [1]-317. *Copies*: G, MICH, NY.
Ed. 2: 1869, n.v., reprinted 1870, 1871, 1872 [p. [i]-viii, [1]-327. *Copy*: NY], 1873, with changes: 1874 (copy: FI), 1876.
Ed. 3: 1878, n.v., reprinted 1880, 1881, 1883, corrected 1886, 1888, 1891; with many corrections: 1895 [p. [i]-viii, [1]-304. *Copy*: NY].
Ref.: Gray, A., Amer. J. Sci. ser. 2. 38: 124-126. Jul 1864.

7055. *Flora of tropical Africa*, by D. Oliver, assisted by other botanists . . . London (L. Reeve and Co., . . . [4-9: Lovell Reeve & Co., . . .]) 1868-1937, 10 vols. (*Fl. trop. Afr.*).
Publ.: ten volumes, of wich 1-3 edited by Oliver. For dates and contents see the *Chronological account* and list of *Systematic treatments* below. *Later editors*: William Turner Thiselton Dyer (1843-1928), vols. 4-6(1), 7-8; David Prain (1857-1944), vols. 6(2), 9; Arthur William Hill (1875-1941), vol. 10(1). For the interruption of publication between 1877 and 1896 see J. Bot. 34: 407-408. 1896.
1: Oct 1868, [1*]-14*, [i]-xli, [1]-479 (BSbF Dec 1868; J. Bot. Nov 1868).
2: Aug 1871, [i]-viii, [1]-613 (J. Bot. Sep 1871).
3: Oct 1877, [i]-viii, [1]-544 (publ. Oct 1877, see J. Bot. 16: 30. 1878).
4: Jul 1902-Jun 1906, [i]-vi, [vii-ix], [1]-647, [i]-x, [1]-596.
5: Sep 1899-Dec 1900, [1]-10["x", sic], [1]-546.
6: Mar 1909-Nov 1917, [i]-xiii, [1]-1094, [1095], [i]-xvii, [1]-371.
7: Dec 1896-Sep 1898, [i]-xvi, [i]-iv, [1]-595.
8: Jun 1901-Mar 1902, [i]-xi, [1]-548.
9: 1 Jul 1917-1 Jan 1934, [i]-vi, [1]-1132.
10: 21 Mai 1937, [1]-192.
Copies: B, BR, FI, G, H, MICH, MO, NY; IDC 272.

Chronological account

Volume	Section	Part	Pagination	Date	Author(s)	Taxon
1			[1]-4	Oct 1868	Oliver, D.	Dicotyledons-Summary
			4-11	Oct 1868		Ranunculaceae
			11-13			Dilleniaceae
			13-39			Anonaceae
			40-50			Menispermaceae
			50-51			Berberidaceae
			51-53			Nymphaeaceae
			53-55			Papaveraceae
			55-73			Cruciferae
			73-101			Capparidaceae
			101-102			Moringaceae
			102-104			Resedaceae
			104-111			Violarieae
			112-123			Bixineae
			123-124			Pittosporeae
			125-136			Polygaleae
			136-137			Frankeniaceae
			137-147			Caryophyllaceae
			147-150			Portulaceae
			150-151			Tamariscineae
			151-154			Elatineae
			154-162			Hypericineae
			162-169			Guttiferae
1			169-172	Oct 1868	Oliver, D.	Ternstroemiaceae
			172-175			Dipterocarpeae
1			175-214	Oct 1868	Masters, M. T.	Malvaceae
			214-239			Sterculiaceae
			240-268			Tiliaceae
1			268-275	Oct 1868	Oliver, D.	Lineae
			275-276			Humiriaceae
			276-282			Malpighiaceae

Volume	Section	Part	Pagination	Date	Author(s)	Taxon
			282-289			Zygophylleae
			289-303			Geraniaceae
			303-308			Rutaceae
			308-315			Simarubeae
			315-322			Ochnaceae
			322-329			Burseraceae
			329-338			Meliaceae
			338-344			Chailletiaceae
			345-359			Olacineae
			359			Ilicineae
			359-377			Celastraceae
1			377-385	Oct 1868	Hemsley, W. B.	Rhamneae
1			385-416	Oct 1868	Baker, J. G.	Ampelideae
			416-435			Sapindaceae
1			435-450	Oct 1868	Oliver, D.	Anacardiaceae
1			451-463	Oct 1868	Baker, J. G.	Connaraceae
1			465-479	Oct 1868	Anon	Index Gen./Spp.
2			[1]-258	Aug 1871	Baker, J. G.	Leguminosae-Papilionaceae
2			258-321	Aug 1871	Oliver, D.	Leguminosae-Caesalpinieae
			321-364			Leguminosae-Mimoseae
			364-382			Rosaceae
			382-385			Saxifragaceae
2			385-401	Aug 1871	Britten, J.	Crassulaceae
2			401-403	Aug 1871	Oliver, D.	Droseraceae
			403-404			Hamamelideae
			404-406			Haloragaceae
			406-413			Rhizophoraceae
2			413-436	Aug 1871	Lawson, ?	Combretaceae
			436-439			Myrtaceae
2			439-464	Aug 1871	Hooker, J. D.	Melastomaceae
2			464-486	Aug 1871	Hiern, W. P.	Lythraceae
2			486-491	Aug 1871	Oliver, D.	Onagrarieae
2			492-500	Aug 1871	Masters, M. T.	Samydaceae
			500-501			Loaseae
			501-503			Turneraceae
			503-520			Passifloreae
2			521-569	Aug 1871	Hooker, J. D.	Cucurbitaceae
			569-580		Hooker, J. D.	Begoniaceae
2			580-581	Aug 1871	Oliver, D.	Cactaceae
			581-596			Ficoideae
2			597-613	Aug 1871	Anon	Index-Gen/Spp.
3			[1]-27	Oct 1877	Hiern, W. P.	Umbelliferae
			27-33			Araliaceae
			33-247			Rubiaceae
			248-249			Valerianeae
			349-253			Dipsaceae
3			253-461	Oct 1877	Oliver, D. & W. P. Hiern	Compositae
3			461-462	Oct 1877	Hiern, W. P.	Goodenoveae
3			463-482	Oct 1877	Hemsley, W. B.	Campanulaceae
3			482-485	Oct 1877	Oliver, D.	Ericaceae
			485-487			Plumbagineae
			487-491			Primulaceae
3			491-497	Oct 1877	Baker, J. G.	Myrsineae
			497-509			Sapotaceae
3			507-525	Oct 1877	Hiern, W. P.	Ebenaceae
3			527-544	Oct 1877	Anon	Index
4	1	1	[1]-21	Jul 1902	Baker, J. G.	Oleaceae
			21-24			Salvadoraceae
4	1	1	24-192	Jul 1902	Stapf, O.	Apocynaceae
4	1	2	193-231	Dec 1902		Apocynaceae
4	1	2	231-384	Dec 1902	Brown, N. E.	Asclepiadeae
4	1	3	485-503	Mar 1903	Brown, N. E.	Asclepiadeae
4	1	3	503-544	Mar 1903	Baker, J. C.	Loganiaceae
4	1	3	544-576	Mar 1903	Baker, J. G. & N. E. Brown	Gentianeae
4	1	4	577-587	Nov 1904		Gentianeae
4	1	4	[588]589-627	Nov 1904	Thiselton-Dyer, W. T.	Addenda
4	1	4	629-646	Nov 1904	Anon	Index Gen/Spp.
			647			Errata

Volume	Section	Part	Pagination	Date	Author(s)	Taxon
4	2	1	[1]-5	Dec 1905	Baker, J. G. & N. E. Brown	Hydrophyllaceae
4	2	1	5-62	Dec 1905	Baker, J. G.	Boragineae
4	2	1	62-192	Dec 1905	Baker, J. G. & A. B. Rendle	Convolvulaceae
		2	193-206	Feb 1906		Convolvulaceae
4	2	2	207-261	Feb 1906	Wright, C. H.	Solanaceae
4	2	2	261-384	Feb 1906	Hemsley, W. B. & S. A. Skan	Scrophulariaceae
		3	385-462	Jun 1906		Scophulariaceae
4	2	3	462-468	Jun 1906	Stapf, O.	Orobanchaceae
			468-499			Lentibularieae
4	2	3	499-512	Jun 1906	Baker, J. G. & C. B. Clarke	Gesneraceae
4	2	3	512-538	Jun 1906	Sprague, T. A.	Bignoniaceae
4	2	3	538-570	Jun 1906	Stapf, O.	Pedalineae
4	2	3	[571]572-575	Jun 1906	Thiselton-Dyer, W. T.	Addenda
4	2	3	[576]	Jun 1906	Anon	Errata
			577-596			Index to Gen/Spp
5		1	[11]-192	Sep 1899	Burkill, I. H. & C. B. Clarke	Acanthaceae
		2	193-262	Jun 1900		Acanthaceae
5		2	262-263	Jun 1900	Rolfe, R. A.	Myoporineae
			264-272			Selagineae
5		2	273-332	Jun 1900	Baker, J. G. & O. Stapf	Verbenaceae
5		2	332-384	Jun 1900	Baker, J. G.	Labiatae
		3	385-502	Dec 1900		Labiatae
			502-505			Plantagineae
5		3	(506]507-526	Dec 1900	Thiselton-Dyer, W. T.	Addenda
5		3	527-545	Dec 1900	Anon	Index Gen/Spp.
			545-546			Errata
6	1	1	[1]-9	Mar 1909	Baker, J. G. & C. H. Wright	Nytagineae
			9-14			Illecebraceae
6	1	1	14-75	Mar 1909	Baker, J. G. & C. B. Clarke	Amarantaceae
			76-94			Chenopodiaceae
			94-98			Phytolaccaceae
6	1	1	98-120	Mar 1909	Baker, J. G. & C. H. Wright	Polygonaceae
			120-130			Podostemaceae
6	1	1	130-134	Mar 1909	Baker, J. G. & C. H. Wright	Cytinaceae
			134-143			Aristolochiaceae
			143-156			Piperaceae
6	1	1	156-167	Mar 1909	Stapf, O.	Myristacaceae
6	1	1	167-171	Mar 1909	Baker, J. G. & C. H. Wright	Monimiaceae
6	1	1	171-188	Mar 1909	Stapf, O.	Laurineae
6	1	1	189-192	Mar 1909	Sprague, T. A.	Hernandiaceae
		2	193	Dec 1910		Hernandiaceae
6	1	2	193-211	Dec 1910	Baker, J. G. & C. H. Wright	Proteaceae
6	1	2	212-255	Dec 1910	Pearson, H. H. W.	Thymelaeaceae
6	1	2	255-384	Dec 1910	Sprague, T. A.	Loranthaceae
		3	385-411	Oct 1911		Loranthaceae
6	1	3	411-434	Oct 1911	Baker, J. G. & A. W. Hill	Santalaceae
6	1	3	434-440	Oct 1911	Hemsley, W. B.	Balanophoreae
6	1	3	441-576	Oct 1911	Brown, N. E., J. Hutchinson, & D. Prain	Euphorbiaceae
		4	577-768	Mar 1912		Euphorbiaceae
		5	769-960	Oct 1912		Euphorbiaceae
		6	961-1020	Apr 1913		Euphorbiaceae
6	1	6	1021-1059	Apr 1913	Anon Addenda	
			1061-1094			Index to Gen/Spp.
			[1095]			Errata
6	2	1	[1]-14	Mar 1916	Rendle, A. B.	Ulmaceae
			14-15			Barbeyaceae
			16-17			Cannabinaceae

Volume	Section	Part	Pagination	Date	Author(s)	Taxon
6	2	1	17-192	Mar 1916	Hutchinson, J. & A. B. Rendle	Moraceae
		2	193-240	Mov 1917		Moraceae
6	2	2	240-306	Nov 1917	Rendle, A. B.	Urticaceae
6	2	2	307-314	Nov 1917	Hutchinson, J.	Myricaceae
6	2	2	315-316	Nov 1917	Wright, C. H.	Casuarineae
6	2	2	316-326	Nov 1917	Skan, S. A.	Salicineae
			326-327			Ceratophylleae
6	2	2	328-333	Nov 1917	Pearson, H. H. W.	Gnetaceae
6	2	2	333-338		Stapf, O.	Pinaceae
			338-344			Taxaceae
6	2	2	344-354	Nov 1917	Prain, D.	Cycadaceae
6	2	2	[355]356-359	Nov 1917	Anon	Addenda
			[361]362-371			Index to Gen/Spp.
			371			Erratum
7		1	[1]-10	Dec 1897	Wright, C. H.	Hydrocharideae
			10-12			Burmanniaceae
7		1	12-192	Dec 1897	Rolfe, R. A.	Orchideae
		2	193-292	Apr 1898		Orchideae
7		2	293-331	Apr 1898	Baker, J. G.	Scitamineae
			331-336			Haemodoraceae
			337-376			Irideae
7		2	376-384	Apr 1898	Baker, J. G.	Amaryllideae
		3	385-413	Sept 1898		Amaryllideae
			413			Taccaceae
			414-421			Dioscoreaceae
			421-568			Liliaceae
7		3	[569]570-578	Sept 1898	Anon	Addenda
			578			Corrections
			579-595			Index Gen/Spp.
			595			Errata
8		1	[1]-6	Jun 1901	Brown, N. E.	Pontederiaceae
			6-25			Xyrideae
8		1	25-88	Jun 1901	Clarke, C. B.	Commelinaceae
8		1	88-89	Jun 1901	Brown, N. E.	Rapateaceae
			90-91			Flagellarieae
8		1	91-97	Jun 1901	Baker, J. G.	Juncaceae
8		1	97-127	Jun 1901	Wright, C. H.	Palmae
			127-133			Pandaneae
8		1	133-137	Jun 1901	Brown, N. E.	Typhaceae
			137-192			Aroideae
		2	193-200	Sep 1901		Aroideae
			200-206			Lemnaceae
8		2	206-214	Sep 1901	Wright, C. H.	Alismaceae
8		2	215-230	Sep 1901	Bennett, A.	Naiadaceae
8		2	230-264	Sep 1901	Brown, N. E.	Eriocauleae
			264-266			Restiaceae
8		2	266-384	Sep 1901	Clarke, C. B.	Cyperaceae
		3	385-524	Mar 1902		Cyperaceae
8		3	525	Mar 1902	Brown, N. E.	Mayaceae (in Addenda)
8		3	526-527	Mar 1902	Anon	Addenda
			529-547			Index Gen/Spp.
			547-548			Errata
9		1	[1]-192	1 Jul 1917	Stapf, O.	Gramineae
		2	193-384	29 Jan 1919		Gramineae
		3	385-576	24 Jan 1919		Gramineae
		4	577-768	5 Aug 1920		Gramineae
9		5	769-944	12 Aug 1930	Stapf, O. & C. E. Hubbard	Gramineae
		6	945-1100	1 Jan 1934		Gramineae
9		6	1101-1132	1 Jan 1934	Anon	Index Gen/Spp.
10		1	[1]-192	21 May 1937	Hubbard, C. E.	Gramineae

Systematic treatments

Taxon	Author(s)	Volume	Section	Part	Pagination	Date
Acanthaceae	Burkill, I. H. & C. B. Clarke	5		1	[1]2-192	Sep 1899
Acanthaceae	Burkill, I. H. & C. B. Clarke	5		2	193-262	Jun 1900
Alismaceae	Wright, C. H.	8		2	206-214	Sep 1901
Amarantaceae	Baker, J. G. & C. B. Clarke	6	1	1	14-75	Mar 1909
Amaryllideae	Baker, J. G.	7		2	376-384	Apr 1898
Amaryllideae	Baker, J. G.	7		3	385-413	Sep 1898
Ampelideae	Baker, J. G.	1			385-416	1868
Anacardiaceae	Oliver, D.	1			435-450	1868
Anonaceae	Oliver, D.	1			13-39	1868
Apocynaceae	Stapf, O.	4	1	1	24-192	Jul 1902
Acocynaceae	Stapf, O.	4	1	2	193-231	Dec 1902
Araliaceae	Hiern, W. P.	3			27-33	1877
Aristolochiaceae	Baker, J. G. & C. H. Wright	6	1	1	134-143	Mar 1909
Aroideae	Brown, N. E.	8		1	137-192	Jun 1901
Aroideae	Brown, N. E.	8		2	193-200	Sep 1901
Asclepiadeae	Brown, N. E.	4	1	2	231-384	Dec 1902
Asclepiadeae	Brown, N. E.	4	1	3	385-503	Mar 1903
Balanophoreae	Hemsley, W. B.	6	1	3	434-440	Oct 1911
Barbeyaceae	Rendle, A. B.	6	2	1	14-15	Mar 1916
Begoniaceae	Hooker, J. D.	2			569-580	1871
Berberidaceae	Oliver, D.	1			50-51	1868
Bignoniaceae	Sprague, T. A.	4	2	3	512-538	Jun 1906
Bixineae	Oliver, D.	1			112-123	1868
Boragineae	Baker, J. G.	4	2	1	5-62	Dec 1905
Burmanniaceae	Wright, C. H.	7		1	10-12	Dec 1897
Burseraceae	Oliver, D.	1			322-329	1868
Cactaceae	Oliver, D.	2			580-581	1871
Campanulaceae	Hemsley, W. B.	3			463-482	1877
Cannabinaceae	Rendle, A. B.	6	2	1	16-17	Mar 1916
Capparidaceae	Oliver, D.	1			73-101	1868
Caryophyllaceae	Oliver, D.	1			137-147	1868
Casuarineae	Wright, C. H.	6	2	2	315-316	Nov 1917
Celastraceae	Oliver, D.	1			359-377	1868
Ceratophylleae	Skan, S. A.	6	2	2	326-327	Nov 1917
Chailletiaceae	Oliver, D.	1			338-344	1868
Chenopodiaceae	Baker, J. G. & C. B. Clarke	6	1	1	76-94	Mar 1909
Combretaceae	Lawson,	2			413-436	1871
Commelinaceae	Clarke, C. B.	8		1	25-88	Jun 1901
Compositae	Oliver, D. & W. P. Hiern	3			253-461	1877
Connaraceae	Baker, J. G.	1			451-463	1868
Convolvulaceae	Baker, J. G. & A. B. Rendle	4	2	1	62-192	Dec 1905
Convolvulaceae	Baker, J. G. & A. B. Rendle	4	2	2	193-206	Feb 1906
Crassulaceae	Britten, J.	2			385-401	1871
Cruciferae	Oliver, D.	1			55-73	1868
Cucurbitaceae	Hooker, J. D.	2			521-569	1871
Cycadaceae	Prain, D.	6	2	2	344-354	Nov 1917
Cyperaceae	Clarke, C. B.	8		2	266-384	Sep 1901
Cyperaceae	Clarke, C. B.	8		3	385-524	Mar 1902
Cytinaceae	Baker, J. G. & C. H. Wright	6	1	1	130-134	Mar 1909
Dicotyledons-Summary	Oliver, D.	1			[1]2-4	1868
Dilleniaceae	Oliver, D.	1			11-13	1868
Dioscoreaceae	Baker, J. G.	7		3	414-421	Sep 1898
Dipsaceae	Hiern, W. P.	3			249-253	1877
Dipterocarpeae	Oliver, D.	1			172-175	1868
Droseraceae	Oliver, D.	2			401-403	1871
Ebenaceae	Hiern, W. P.	3			509-525	1877
Elatineae	Oliver, D.	1			151-154	1868
Ericaceae	Oliver, D.	3			482-485	1877
Eriocauleae	Brown, N. E.	8		2	230-264	Sep 1901
Euphorbiaceae	Brown, N. E., J. Hutchinson, & D. Prain	6	1	3	441-576	Oct 1911

Taxon	Author(s)	Volume	Section	Part	Pagination	Date
Euphorbiaceae	Brown, N. E., J. Hutchinson &	6	1	4	577-768	Mar 1912
Euphorbiaceae	Brown, N. E., J. Hutchinson & D. Prain	6	1	5	769-960	Oct 1912
Euphorbiaceae	Brown, N. E., J. Hutchinson & D. Prain	6	1	6	961-1020	Apr 1913
Ficoideae	Oliver, D.	2			581-596	1871
Flagellariae	Brown, N. E.	8		1	90-91	Jun 1901
Frankeniaceae	Oliver, D.	1			136-137	1868
Gentianeae	Baker, J. G. & N. E. Brown	4	1	3	544-576	Mar 1903
Gentianeae	Baker, J. G. & N. E. Brown	4	1	4	577-587	Nov 1904
Geraniaceae	Oliver, D.	1			289-303	1868
Gesneraceae	Baker, J. G. & C. B. Clarke	4	2	3	499-512	Jun 1906
Gnetaceae	Pearson, H. H. W.	6	2	2	328-333	Nov 1917
Goodenovieae	Hiern, W. P.	3			461-462	1877
Gramineae	Stapf, O.	9		1	[1]2-192	1 Jul 1917
Gramineae	Stapf, O.	9		2	193-384	29 Jan 1919
Gramineae	Stapf, O.	9		3	385-576	24 Jan 1919
Gramineae	Stapf, O.	9		4	577-768	5 Aug 1920
Gramineae	Stapf, O. & C. E. Hubbard	9		5	769-944	12 Aug 1930
Gramineae	Stapf, O. & C. E. Hubbard	9		6	945-1100	1 Jan 1934
Gramineae	Hubbard, C. E.	10		1	[1]2-192	21 May 1937
Guttiferae	Oliver, D.	1			162-169	1868
Haemodoraceae	Baker, J. G.	7		2	331-336	Apr 1898
Halorageae	Oliver, D.	2			404-406	1871
Hamamelideae	Oliver, D.	2			403-404	1871
Hernandiaceae	Sprague, T. A.	6	1	1	189-192	Mar 1909
Hernandiaceae	Sprague, T. A.	6	1	2	193	Dec 1910
Humiriaceae	Oliver, D.	1			275-276	1868
Hydrocharideae	Wright, C. H.	7		1	[1[-10	Dec 1897
Hydrophyllaceae	Baker, J. G. & N. E. Brown	4	2	1	[1]2-5	Dec 1905
Hypericineae	Oliver, D.	1			154-162	1868
Ilicineae	Oliver, D.	1			359	1868
Illecebraceae	Baker, J. C. & C. H. Wright	6	1	1	9-14	Mar 1909
Irideae	Baker, J. G.	7		2	337-376	Apr 1898
Juncaceae	Baker, J. G.	8		1	91-97	Jun 1901
Labiatae	Baker, J. G.	5		2	332-384	Jun 1900
Labiatae	Baker, J. G.	5		3	385-502	Dec 1900
Laurineae	Stapf, O.	6	1	1	171-188	Mar 1909
Leguminosae-Caesalpinieae	Oliver, D.	2			258-321	1871
Leguminosae-Mimoseae	Oliver, D.	2			321-364	1871
Leguminosae-Papilionaceae	Baker, J. G.	2			[1]2-258	1871
Lemnaceae	Brown, N. E.	8		2	200-206	Sep 1901
Lentibularieae	Stapf, O.	4	2	3	468-499	Jun 1906
Liliaceae	Baker, J. G.	7		3	421-568	Sep 1898
Lineae	Oliver, D.	1			268-275	1868
Loaseae	Masters, M. T.	2			500-501	1871
Loganiaceae	Baker, J. G.	4	1	3	503-544	Mar 1903
Loranthaceae	Sprague, T. A.	6	1	2	255-384	Dec 1910
Loranthaceae	Sprague, T. A.	6	1	3	385-411	Oct 1911
Lythraceae	Hiern, W. P.	2			464-486	1871
Malpighiaceae	Oliver, D.	1			276-282	1868
Malvaceae	Masters, M. T.	1			175-214	1868
Mayaceae (in Addenda)	Brown, N. E.	8		3	525	Mar 1902
Melastomaceae	Hooker, J. D.	2			439-464	1871
Meliaceae	Oliver, D.	1			329-338	1868
Menispermaceae	Oliver, D.	1			40-50	1868
Monimiaceae	Baker, J. G. & C. H. Wright	6	1	1	167-171	Mar 1909
Moraceae	Hutchinson, J. & A. B. Rendle	6	2	1	17-192	Mar 1916
Moraceae	Hutchinson, J. & A. B. Rendle	6	2	2	193-240	Nov 1917

Taxon	Author(s)	Volume	Section	Part	Pagination	Date
Moringaceae	Oliver, D.	1			101-102	1868
Myoporineae	Rolfe, R. A.	5		2	262-263	Jun 1900
Myricaceae	Hutchinson, J.	6	2	2	307-314	Nov 1917
Myristacaceae	Stapf, O.	6	1	1	156-167	Mar 1909
Myrsineae	Baker, J. G.	3			491-497	1877
Myrtaceae	Lawson,	2			436-439	1871
Naiadaceae	Bennett, A.	8		2	215-230	Sep 1901
Nyctagineae	Baker, J. G. & C. H. Wright	6	1	1	[1]2-9	Mar 1909
Nymphaeaceae	Oliver, D.	1			51-53	1868
Ochnaceae	Oliver, D.	1			315-322	1868
Olacineae	Oliver, D.	1			345-359	1868
Oleaceae	Baker, J. G.	4	1	1	[1]2-21	Jul 1902
Onagrarieae	Oliver, D.	2			486-491	1871
Orchideae	Rolfe, R. A.	7		1	12-192	Dec 1897
Orchideae	Rolfe, R. A.	7		2	193-292	Apr 1898
Orobanchaceae	Stapf, O.	4	2	3	462-468	Jun 1906
Palmae	Wright, C. H.	8		1	97-127	Jun 1901
Pandaneae	Wright, C. H.	8		1	127-133	Jun 1901
Papaveraceae	Oliver, D.	1			53-55	1868
Passifloreae	Master, M. T.	2			503-520	1871
Pedalineae	Stapf, O.	4	2	3	538-570	Jun 1906
Phytolaccaceae	Baker, J. G. & C. B. Clarke	6	1	1	94-98	Mar 1909
Pinaceae	Stapf, O.	6	2	2	333-338	Nov 1917
Piperaceae	Baker, J. G. & C. H. Wright	6	1	1	143-156	Mar 1909
Pittosporeae	Oliver, D.	1			123-124	1868
Plantagineae	Baker, J. G.	5		3	502-505	Dec 1900
Plumbagineae	Oliver, D.	3			485-487	1877
Podostemaceae	Baker, J. G. & C. H. Wright	6	1	1	120-130	Mar 1909
Polygaleae	Oliver, D.	1			125-136	1868
Polygonaceae	Baker, J. G. & C. H. Wright	6	1	1	98-120	Mar 1909
Pontederiaceae	Brown, N. E.	8		1	[1]2-6	Jun 1901
Portulaceae	Oliver, D.	1			147-150	1868
Primulaceae	Oliver, D.	3			487-491	1877
Proteaceae	Baker, J. G. & C. H. Wright	6	1	2	193-211	Dec 1910
Ranunculaceae	Oliver, D.	1			4-11	1868
Rapateaceae	Brown, N. E.	8		1	88-89	Jun 1901
Resedaceae	Oliver, D.	1			102-104	1868
Restiaceae	Brown, N. E.	8		2	264-266	Sep 1901
Rhamneae	Hemsley, W. B.	1			377-385	1868
Rhizophoraceae	Oliver, D.	2			406-413	1871
Rosaceae	Oliver, D.	2			364-382	1871
Rubiaceae	Hiern, W. P.	3			33-247	1877
Rutaceae	Oliver, D.	1			303-308	1868
Salicineae	Skan, S. A.	6	2	2	316-326	Nov 1917
Salvadoraceae	Baker, J. G.	4	1	1	21-24	Jul 1902
Samydaceae	Masters, M. T.	2			492-500	1871
Santalaceae	Baker, J. G. & A. W. Hill	6	1	3	411-434	Oct 1911
Sapindaceae	Baker, J. G.	1			416-435	1868
Sapotaceae	Baker, J. G.	3			497-509	1877
Saxifragaceae	Oliver, D.	2			382-385	1871
Scitamineae	Baker, J. G.	7		2	293-331	Apr 1898
Scrophulariaceae	Hemsley, W. B. & S. A. Skan	4	2	2	261-384	Feb 1906
Scrophulariaceae	Hemsley, W. B. & S. A. Skan	4	2	3	385-462	Jun 1906
Selagineae	Rolfe, R. A.	5		2	264-272	Jun 1900
Simarubeae	Oliver, D.	1			308-315	1868
Solanaceae	Wright, C. B.	4	2	2	207-261	Feb 1906
Sterculiaceae	Masters, M. T.	1			214-239	1868
Taccaceae	Baker, J. G.	7		3	413	Sep 1898
Tamariscineae	Oliver, D.	1			150-151	1868
Taxaceae	Stapf, O.	6	2	2	338-344	Nov 1917
Ternstroemiaceae	Oliver, D.	1			169-172	1868
Thymelaeaceae	Pearson, H. H. W.	6	1	2	212-255	Dec 1910
Tiliaceae	Masters, M. T.	1			240-268	1868
Turneraceae	Masters, M. T.	2			501-503	1871
Typhaceae	Brown, N. E.	8		1	133-137	Jun 1901

Taxon	Author(s)	Volume	Section	Part	Pagination	Date
Ulmaceae	Rendle, A. B.	6	2	1	[1]2-14	Mar 1916
Umbelliferae	Hiern, W. P.	3			[1]2-27	1877
Urticaceae	Rendle, A. B.	6	2	2	240-306	Nov 1917
Valerianeae	Hiern, W. P.	3			248-249	1871
Verbenaceae	Baker, J. G. & O. Stapf	5		2	273-332	Jun 1900
Violarieae	Oliver, D.	1			104-111	1868
Xyrideae	Brown, N. E.	8		1	6-25	Jun 1901
Zygophylleae	Oliver, D.	1			282-289	1868

7056. *First book of Indian botany* ... London (Macmillan & Co.) 1869. Oct. (*First book Ind. bot.*).

Ed. 1: Nov 1869 (p. vii: Aug 1869; J. Bot. Dec 1869; Flora 31 Mar 1870), p. [i]-xi, [1]-393. *Copies*: MO, NY.

Ed. 2: 1881, n.v., reprinted 1889, p. [i]-xi, [1]-397. *Copy*: B; id. 1892, p. [i]-xi, [1]-397. *Copy*: B; id. 1907, p. [i]-xi, [1]-397. *Copy*: NY.

7057. *The botany of the Speke and Grant expedition*, an enumeration of the plants collected during the journey of the late captain J. H. Speke and captain (now Lieut.-Col.) J. A. Grant from Zanzibar to Egypt. The determinations and descriptions by Professor Oliver and others connected with the Herbarium, Royal Gardens, Kew; with an introductory preface, alphabetical list of native names, and notes by Colonel Grant. [Trans. Linn. Soc. London 1873-1875]. Qu.

Authors: James Augustus Grant (1827-1892), introduction and notes (also collector together with Capt. J. H. Speke), Daniel Oliver (Dicotyledones and Glumiferae), John Gilbert Baker (1834-1920) (Petaloideae and Filices).

Publ.: in three parts in Trans. Linn. Soc. London, vol. 29, and to be cited from the journal.

1: Mai 1873 (t.p. 1872, but see p. iii* of volume), p. [i, iii], map, [1]-69, *pl. 1-37* (uncol., W. H. Fitch).

2: Aug 1873, p. 69[bis]-104, *pl. 38-72*.

3: Sep 1875, p. 1-103[bis], 104[bis], 105-190, *pl. 73-136*. *Copy*: MO.

7058. *Illustrations of the principal natural orders of the vegetable kingdom.* Prepared for the science and art department of the council of education ... the plates by Mr. W. H. Fitch, ... London (Chapman and Hall ...) 1874. Qu. (oblong). (*Ill. veg. kingd.*).

Publ.: Mai 1874 (J. Bot. Jun 1874), p. [i-viii], 1-152, [1-2, index], *pl. 1-109* (col. liths.). *Copies*: B, BR, G, US. – Uncoloured copies exist.

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Oliver, Francis Wall (1864-1951), British ecologist and palaeobotanist; lecturer in (1888) and professor (1890-1929) at University College, London; professor of botany at Cairo University 1929-1935; son of Daniel Oliver. (*F. Oliver*).

HERBARIUM and TYPES: Egyptian material at CAI; some French material at C.

BIOGRAPHY and BIBLIOGRAPHY: AG 5(1): 185; Andrews p. 310; Barnhart 3: 27; BJI 2: 126; BL 2: 260, 697; BM 3: 1469, 7: 953-954; Bossert p. 293; CSP 17: 609; DNB 1951-1960: 779-780; Hirsch p. 219; Kew 4: 184-185; Langman p. 551; LS 19460; MW p. 370; Rehder 5: 634; SK 1: cix; TL-2/3600.

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Oliver, F. W., Proc. Linn. Soc. 1924/25: 59-61 (gold medal Linn. Soc., addresses).
Salisbury, E. J., Obit. Notices Fellows R. Soc. 8: 229-240. 1952-53 (biogr., portr., bibl., b. 10 Mai 1864, d. 14 Sep 1951).

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EPONYMY: *Oliveria* A. Nayal (1935).

7059. *Makers of British botany* a collection of biographies by living botanists edited by F. W. Oliver. Cambridge (at the University Press) 1913. Oct.
Publ.: Dec 1912 (p. [v]: Oct 1912; ÖbZ Dec 1912; J. Bot. Feb 1913; Nat. Nov. Mar(1) 1913), frontisp. portr. J. H. Balfour, p. [i-viii], [1]-332, *pl. 1-26. Copies*: BR, USDA.
Ref.: Britten, J., J. Bot. 51: 63-66. Feb 1913.

Oliver, Walter Reginald Brook (1883-1957), New Zealand ornithologist, malacologist and botanist; Dr. sci. Univ. New Zealand 1933; from 1920 with the Dominion Museum, Wellington, from 1928-1947 as director. (*W. Oliver*).

HERBARIUM and TYPES: WELT; other material at AK, B, BM, CHR, K, MEL.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 310; Barnhart 3: 28; BL 1: 77, 81, 83, 102, 103; Bossert p. 293; GR p. 777; Hirsch p. 219; Hortus 3: 1201 ("W. Oliver"); IH 2: (in press); Kew 4: 186; LS 20483; TL-2/1095.
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7060. From Transactions of the New Zealand Institute, volume xlii, 1909. *Vegetation of the Kermadec Islands* ... Wellington (John Mackay, ...) 1910.
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7061. *The vegetation and flora of Lord Howe's Island* [Trans. Proc. New Zealand Inst. 49, 1917]. Oct. (*Veg. Lord Howe's Isl.*).
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7062. *The genus Coprosma* ... Honolulu, Hawaii (Published by the [Bernice P. Bishop] Museum) 1935. Oct. (*Coprosma*).
Publ.: 6 Mai 1935 (p. ii*), [i*-ii*], i-ii, [3]-207, *pl. 1-59. Copy*: USDA.

Olivi, Giuseppe (1769-1795), Italian zoologist at Padua (*Olivi*).

HERBARIUM and TYPES: Museo Civico Storia naturale, Venetia (algae).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 28; BM 3: 1469; Bossert p. 293; Cesati p. 57, 298-304; CSP 4: 675; Dryander 3: 346, 415; Moebius p. 334; PR 6831 (ed. 1: 7632); RS p. 121; Saccardo 1: 119, 2: 79.
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EPONYMY: *Olivia* Bertoloni (1810). *Note*: *Olivia* Montagne (1846) and *Olivia* S. F. Gray (1821) may also commemorate him.

7063. *Zoologia adriatica* ossia catalogo ragionato degli animali del Golfo e delle Lagune di Venezia; preceduto da una dissertazione sulla storia fisica e naturale del Golfo; e accompagnato da memorie, ed osservazioni di fisica storia naturale ed economia . . . Bassano, 1792. (*Zool. adriat.*).
Publ.: Sep-Dec 1792 (dedication 30 Aug 1792), p. [i*-ix*], [i]-xxxii, [1-6], [1-334], *pl. 1-9*. *Copies*: Edinburgh University Library, FI, PH.

Olivier, [Joseph] Ernest (1844-1914), French administrator, zoologist and botanist; grandson of G. A. Olivier; travelled frequently in Algeria; newspaper publisher at Moulins; later "maire" of Chemilly. (*E. Olivier*).

HERBARIUM and TYPES: Unknown.

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COMPOSITE WORKS: Founder and editor of the *Revue scientifique du Bourbonnais*, 1-26, 1888-1913.

7064. *Flore populaire de l'Allier*. Noms vulgaires et patois des plantes indigènes & cultivées usités dans ce département . . . Moulins (Imprimerie Étienne . . .) 1886. Qu. (*Fl. pop. Allier*).
Publ.: Nov 1886 (see p. [2]: journal issue so dated; p. [2]: preface Aug 1886; BSbF rd before 10 Dec 1886; Nat. Nov. Dec(2) 1886), p. [i, [1]-43. *Copy*: USDA. – Reprinted from Ann. Soc. Hort. Allier 8(3): [149]-166, [167]. Nov 1886.

Olivier, Guillaume Antoine (1756-1814), French zoologist and botanist; practiced medicine until 1792; travelled in the Orient 1792-1798; afterwards working mainly on entomology. (*G. Olivier*).

HERBARIUM and TYPES: Material from the French Near East expedition of 1792-1798 at B, FI, G-DC, H, L, P (with Jean Guillaume Bruguière (1756-1814)).

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7065. *Voyage dans l'empire Othoman,* L'Égypte et la Perse, fait par ordre du gouvernement, pendant les six premières années de la République; ... à Paris (chez H. Agasse, imprimeur-libraire, ...) 1801-1807, 3 vols., atlas. (*Voy. emp. Othoman*).
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2: 1804, p. [i*-iii*], [i]-ii, [1]-466, [1, err.].
3: 1807, p. [i*-iii*], [i]-viii, [1]-566, [1, err.].
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Olivier, Henri Jacques François (1849-1923), French clergyman and lichenologist; ord. 1874; stationed at Bazoches-en-Houlme, Autheuil, Bivilliers; from 1892 retired at Bazoches. (*H. Olivier*).

HERBARIUM and TYPES: École secondaire St. François-de-sales, Alençon; other important sets at AWH, NTM and PC. Exiccatae: *L'Herbier des lichens de l'Orne et du Calvados,* fasc. 1-9, nos. 1-450, Autheuil 1880-1884, sets at DUKE, LG, M, MPU, NTM, PC, TL, UPS, W.

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Olsson-Seffer, Pehr Hjalmar (until 1903: P. H. Olsson) (1873-1911), Finnish botanist; high school teacher in Finland 1895-1899; travelled in Australia and Polynesia 1900-1902; migrated to the United States 1903; Dr. phil. Stanford 1904; professor at the San Francisco veterinary college 1905-1906; director of La Zacual Botanical station in Mexico 1906-1911; professor of botany at Mexican University; killed by Mexican revolutionaries 1911. (*Olsson-Seffer*).

HERBARIUM and TYPES: Unknown.

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7086. *Die Sexualität von Coprinus fimetarius.* Proefschrift ter verkrijging van den graad van doctor in de wis- en natuurkunde aan de Rijksuniversiteit te Utrecht, op gezag van den rector magnificus. Dr. A. A. Pulle . . . volgens besluit van den senaat der Universiteit te verdedigen tegen de bedenkingen van de faculteit der Wis- en natuurkunde op Maandag 19 Mei 1930, des namiddags te 4 uur . . . Amsterdam (N.V. Drukkerij en Uitgeverij J. H. de Bassy) 1930. Oct. (*Sex. Coprinus fimetarius*).
Publ.: 19 Mai 1930, p. [i]-viii, [85]-148, *pl. 4-6. Copy*: FH. – Main text preprinted from Rec. Trav. bot. Neérl. 37: [85]-148. 1930.

Ooststroom, Simon Jan van (1906-x), Dutch botanist; Dr. phil. Utrecht 1934; assistant at the Botanical Museum Utrecht 1927-1934; from 1934 in various functions at the Rijksherbarium, Leiden (*Ooststr.*).

HERBARIUM and TYPES: L; some further material at BO and C.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 663; Barnhart 3: 31; BFM no. 1419; BJI 2: 127; BL 1: 104, 311, 2: 423, 424, 425, 426, 697; Bossert p. 294; Hortus 3: 1206 (Van Ooststr.); JW 2: 198; Kew 4: 190-191; Langman p. 758-759; MW p. 512; Roon p. 84; SK 1: cxlvii, 5: cccviii, 8: lxxiii; TL-2/2727, 2733.
Anon., Fl. males. Bull. 6: 158. 1950 (Buitenzorg stipend.; to Java), 7: 191. 1950 (id.), 10: 354. 1953 (app. lecturer Leiden univ.); Taxon 1: 67. 1952, 5: 2. 1956 (portr. in group taken at Noordwijk, Netherlands).
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COMPOSITE WORKS: (1) Editor and in part author of H. Heukels, *Geill. schoofl. Nederl.* eds. 13-18, 1949-1975. see TL-2/2727; idem of H. Heukels en W. H. Wachter, *Bekn. schoolfl. Nederl.* eds. 6-x, 1947-x, TL-2/2723.
(2) *Main editor: Flora Neerlandica,* vols. 1-4, 1948-1975.
(3) *Senior editor: Gorteria* 1-7, 1961-1974.
(4) *Convolvulaceae, in* A. A. Pulle, *Fl. Surinam* 4: 66-102. Mai 1932, 468-471. Mar 1937.

HANDWRITING: Flora malesiana ser. 1. 1: cli. 1950.

FESTSCHRIFT: Blumea 19(1), 1971; Gorteria 5(7/10), 1971.

7087. *A monograph of the genus Evolvulus* proefschrift ter verkrijging van den graad van doctor in de wis- en natuurkunde aan de Rijks-Universiteit te Utrecht, op gezag van den rector-magnificus Dr. C. W. Star Busmann, hoogleeraar in de faculteit der rechtsgeleerdheid, volgens besluit van den Senaat der Universiteit tegen de bedenkingen van de faculteit der

wis- en natuurkunde te verdedigen op Maandag 18 Juni 1934, des namiddags te drie uur . . . Kemink en Zoon N.V. – Over den Dom – Utrecht 1934. Oct. (*Monogr. Evolvulus*).
Thesis issue: 18 Jun 1934, p. [i-ix], [1]-267, [1-2, theses, loose]. *Copies*: FAS, U, US.
Serial issue: Meded. Bot. Mus. Herb. Utrecht 14: [i, iii], [1]-267. 1934.

Opatowski, Heinrich (1812-?), German physician and botanist in Saalfeld; Dr. med. Berlin 1838. (*H. Opat.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1472; Herder p. 339; Kew 4: 191; PR 6837, corr. (ed. 1: 7637); Rehder 5: 635.

7088. *De Memecyleis* ordine naturali a Decandolle constituto. Dissertatio inauguralis historico-naturalis quam consensu et auctoritate gratiosi medicorum ordinis in Universitate literaria Friderica Guilelma ad summos in medicina et chirurgia honores rite impetrandos die xxvii. m. februarii a. mdcccxxxviii. h.l.q.s. publice defendet auctor Henricus Opatowski Salfeldanus . . . Berolini (Typis Nietackianis) [1838]. Oct. (*De Memecyl.*).
Publ.: 27 Feb 1838, p. [1]-28, [1-3, vita, 4, theses]. *Copies*: FI, G, WU.

Opatowski, Wilhelm (1810-1838), German physician and botanist at Saarfeld; Dr. med. Berlin 1836. (*Opat.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1472; CSP 685; Hawksworth p. 185; Kew 4: 191; LS 19512; PR 6838 (ed. 1: 7638); Stevenson p. 1253.

7089. *Commentatio historico-naturalis de familia fungorum boletoideorum.* Dissertatio inauguralis, quam consensu et auctoritate gratiose medicorum ordinis in Universitate literaria Friderica Guilelma, at summi in medicina et chirurgia honores rite sibi concedantur, die xxx m. januarii a. mdcccxxxvi. h.l.q.s. publice defendet auctor Guilielmus Opatowski saalfeldanus . . . Berolini (Typis Schadeanis) [1836]. (*Comm. fam. bolet.*).
Publ.: 30 Jan 1836, p. [i-iv], [1]-34, [1-2, vita], *pl. 1* (col.). *Copies*: Stevenson.

Opiz, Philipp Maximilian (1787-1858), Czech self-taught botanist and administrator; "Cameral Beamter" in Czaslau, 1805, in Pardubitz 1807, "Kanzelist" [civil servant] in Praha 1814, ultimately "k.k. Cameral-Forstconcipist." (*Opiz*).

HERBARIUM and TYPES: PR (± 35.000); much material also at PRC and PRM. – Opiz published many sets of exsiccatae under various titles; for a brief description see Klášterský (1958, p. 25-26) and Maiwald (1901, p. 63-64). In all he published 126 centuries of plants in an unknown number of sets. Main series: *Flora cryptogamica Bohemiae-Böheims cryptogamische Gewächse* 1818-1819, fasc. 1-8, nos. 1-200; between 1841 and 1851 Opiz published through his *Pflanzen-Tauschanstalt* (with the company "Kronberger & Rivnác" in Praha) e.g. *Herbarium florae cryptogamiae universalis*, 1841-1846 (3 centuries), *Herbarium florae germanicae*, 1841-1850 (6 centuries), *Herbarium florae austriacae* 1842-1851 (24 centuries), *Herbarium florae bohemicae* 1842-1850 (23 centuries).
The *Pflanzen-Tauschanstalt* was the first plant exchange association, started in 1817; it ultimately counted over 900 collectors in many countries. The enterprise was bought by E. Purkyně in 1859 and continued on a more modest scale. The remainder of these collections came to PR in 1945. For the texts and lists accompanying the collections Opiz published the periodical *Naturalientausch*, 12 Hefte (1823-1828). An important set of Opiz plants was acquired by PR already during Opiz' lifetime.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(1): 659, 6(1): 740; Barnhart 3: 31; BFM no. 2326; BM 3: 1472; Bossert p. 294; Clokie p. 219; CSP 4: 685; DSB xxii, 6(4): 182; Futák-Domin p. 438-446 (main bibl.); GR p. 666, cat. p. 69; Hawksworth p. 185, 196; Hegi 4(2): 848; Herder p. 191, 192, 238; Hortus 3: 1201; IF p. 723, suppl. 1: 132; IH 1 (ed. 6): 362, 2: (in press); Jackson p. 264; Kew 4: 191; Klášterský p. 138; Langman p. 553; LS 19516-19550; Maiwald

p. 129-138, 281; MD p. 195; PR 6839-6845 (ed. 1: 7640-7644); Rehder 5: 635; SBC p. 128; Stevenson p. 1253; TL-1/934; TL-2/434, 436-437, 1221, 2375; see Kabliková, J.; Tucker 1: 530; Zander ed. 11, p. 796 (d. 20 Mai 1858).

Anon., Bot. Zeit. 18: 328. 1860 (on O's herbarium); Flora 41: 471-472. 1858; Österr. bot. Z. 8: 233-234. 1858 (obit.); Prager Zeit., reprinted in Bonplandia 6: 272-273. 1858 (obit., b. 5 Jun 1787, d. 19/20 Mai 1858).

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Dworský, F., Lotos 8: 152-158. 1858 (obit., d. 20 Mai 1858).

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Matouschek, F., Verh. k.k. bot. Ver. Wien 1900: 276-286 (on Fl. crypt. Boëmiae, 8 Hefte 1818).

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Skalický, V., Zprávy Česk. bot. Spol. ČSAV 2(1): 1-38. 1967 (on O's Botanische Topographie Böheims), 6(2): 151-154. 1971 (mss. on flora of Praha) (fide Kew Record), 8: 79-84. 1973 (this mss. was a preliminary text for the periodical "Naturalientausch").

Steenis-Kruseman, M. J. van, Blumea 25(1): 45. 1979.

Svrcek, M., in Klášterský, I. et al., Philipp Maximilian Opiz 73-100. 1958 (Catalogus fungorum, quos Ph. M. Opiz descripsit . . . , study of O's taxa of fungi listing types).

COMPOSITE WORKS: (1) See Berchtold, F., *Oekon. Techn. Fl. Böhm.* 1(2)-3(2), 1836-1843, TL-2/434, 436 and 437. We have now seen a copy of TL-2/436, at FI: "*Die Rubiaceen Böheims.* Mit Einschluss der Färberröthe. (*Rubia tinctorum* L.). Monographisch bearbeitet in ökonomisch-technischer Hinsicht von F. Grafen von Berchtold, in botanischer von P. M. Opzi, . . ." Prag (Gedruckt bei Th. Thabor, . . .) 1838, p. [1]-99.

TAUSCHANSTALT: Apart from his serial *Naturalientausch* (12 Hefte, 1823-1828) Opiz published information on his plant exchange society in the journals *Isis* and *Flora*. For those in *Flora* see: 1: 530-531. 1818; 2: 427. 1819; 5: 47, 171, 624, 635-636, 749-751, Beil. 3: 108, 4: 57-64. 1822; 6: 624. 1823; 7: 188-190, 753-759 (E. G. Hornung). 1824; 8(2) Beil. 4: 51-52. 1825; 11: 494-495. 1828; 12: 746. 1829, Erg. Bl. 109-113. 1829; 14(2), Int. Bl. 1: 6-8. 1831; 15(1), Int. Bl. 45-48. 1832 (history; numbers); 17(2), Int. Bl. 13-15. 1834; 18(1), Beibl. 111-112. 1835; 19 (1), Int. Bl. 21(=25)-24(=28); 20(1), Int. Bl. 11-14. 1837; 22(1), Int. Bl. 44-48. 1839; 23(2), Int. Bl. 8-15. 14 Oct 1840; 30: 311-312. 1847; 31: 255-256. 1848; 38: 510-512, 557-560. 1855; 39: 446-448. 1856; 40: 94-96. 1857.

HANDWRITING See Klášterský et al. (1958), p. 19, 37.

EPONYMY: *Opizia* K. B. Presl (1830).

7090. *Deutschlands cryptogamische Gewächse* nach ihren natürlichen Standorten geordnet von Phil. Maxim. Opiz, . . . Ein Anhang zur Flora Deutschlands von Joh. Christ. Röhling. Prag (Bey Aloys Krammer, . . .) 1817. Oct. (*Deutschl. crypt. Gew.*).

Publ.: 29 Sep 1816 (p. 4: 20 Apr 1816; t.p. 1817, but see SY p. 52 for precise date), p. [1]-166.

Copy: G. – We have seen no copy with an 1816 t.p. date.

Leipzig issue: 1817 (Regensb. bot. Ges. rd. 5 Feb 1818), p. [1]-166. *Copy*: Stevenson. – Leipzig (bey Johann Ambrosias Barth) 1817.

7091. *Böheims phanerogamische und cryptogamische Gewächse.* Verzeichnet von Philipp Maximilian Opiz. Nebst Angabe ihrer gebräuchlichsten Provinzialnamen, ihres Vorkommens, ihrer Verbreitung, Anführung der Fundorte der Seltenern, nebst ihren Findern und Andeutung des landesüblichen Gebrauchs, ihres Nutzens und ihrer Schädlichkeit. Prag (Bei Carl Wilhelm Enders) 1823. Oct. (*Böh. phan. crypt. Gew.*).
Publ.: 1823 (p. 168: 8 Feb 1823; Flora rev. 14 Nov 1823), p. [1]-168. *Copies*: FH, G, H; IDC 5200. – On p. 163-168 a list of exsiccatae ("Erstes Verzeichniss"). Nachträge by Opiz in Flora 7(1) Beil. 1: 81-86. Jan-Jun 1824, 8 Beil. 4: 52-59. 1825, 12(2): 114-122. 1829, 15: 653-656. 1832, 18(2) Beibl. 107-112. 1835.

7092. *Naturalientausch* von Philipp Maximilian Opiz, Nro. 1-10. [11]. Prag (In Commission bei Carl Wilhelm Enders) 1823, 1825, und 1825, [1826]. Oct. (in fours). (*Naturalientausch*).
Publ.: nos. 1-10 combined, 1825 p. [i-ii], [1]-290, no. 11; 1826 (t.p.), p. 291-546 (and, in copy BR: 163-166). *Copy*: BR. – Originally published as follows:

1. *Erstes Verzeichniss*: in Opiz, Böh. phan. crypt. Gew. 163-168. 4 Feb 1823.
2. *Zweytes id.*: [1-8]. 11 Mar 1823.
3. *Drittes id.*: [1-8]. 9 Jul 1823 (1-3 combined with the title Naturalientausch).
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5. *Fünftes id.*: 29-36. 3 Dec 1823.
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Copies: Only a few copies of the original separate issues are known (see Maiwald 1901, p. 52-57); Maiwald provides lists of novelties and notices.
Preliminary text: see Skalickŷ (1973).

7093. *Seznam rostlin květeny České* sepsal Filip Max. Opiz. Spisů musejnich čislo xliv. v. Praze [in Praha] (v Kommissí u Fr. Řiunáce) 1852. Duod. (*Seznam*).
Publ.: Jul-Dec 1852 (Flora rd. 14 Jun-21 Jul 1853; ÖbW 10 Jun 1852: "demnächst erscheint"), p. [ii-viii], [1]-216. *Copies*: G, H, MICH; IDC 535. – p. [ii]: "Malá Encyklopedie nauk. Nákladem českého museum. Díl x." – For a nomenclatural analysis of the generic names of phanerogams see Holub & Pouzar (1967). Title: "a [latin-bohemian] catalogue of Czech flowering plants".

Oppenheimer, Hillel [Heinz] **Reinhard** (1900-x), Israeli botanist; studied at Vienna with Hans Molisch; Dr. phil. 1922; with the Spaeth nurseries nr. Berlin 1924-1925; to Palestine 1925; associated with the Aaronsohn family 1926-1931; from 1931-1933 with the Department of botany of Hebrew University; from 1933-1942 physiologist and citriculturist at the Agricultural Research Station, Rehovot; from 1942 Head of the Division of Citriculture, Hebrew Univ., Rehovot, later professor of horticulture (1952) and plant physiology (1957). (*Oppenheimer*).

HERBARIUM and TYPES: Unknown.
Reichert, I., Bull. Res. Counc. Israel 8D: i-vi. 1960 (portr., biogr., bibl.).

7094. Reliquiae aarensohnianae ... i. *Florula transiordanica* révision critique des plantes récoltées et partiellement déterminées par Aaron Aaronsohn au cours des expéditions (1904-1908) en Transjordanie et dans le Wâdi el-'Araba par H. R. Oppenheimer avec des journaux de voyages d'Aaron Aaronsohn une préface par R. Chodat, divers documents et

une notice biographique d'Alex Aaronsohn . . . Genève (Imprimerie Jent S. A.) 1931. Oct. (*Florul. transiord.*).
Collector: Aaron Aaronsohn (1876-1919).
Publ.: 15 Mar 1931, map, p. [i-iv], [1]-284. *Copy*: US. – Reprinted from Bull. Soc. bot. Genève 22: 126-409 (= repr. p. 284). 1930, publ. 15 Mar 1931.
Continuation: Bull. Soc. bot. Genève 31, 1940 (publ. 1941), p. [i-iv], map, [1]-432, *12 pl.* (with M. Evenari). Also published in book form in a Hebrew edition.

Orbigny, Alcide Dessalines d' (1802-1857), French traveller, palaeontologist and zoologist; travelled in South America 1826-1834; from then on in Paris as a private scientist; from 1856 as professor of paleontology at the Muséum d'Histoire naturelle. (*A. D. d'Orb.*).

HERBARIUM and TYPES: partly P, partly G; some further material at W.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 410; BM 3: 1473-1475; CSP 4: 687-690, 10: 960; DSB 10: 221-222; Hortus 3: 1201; IH 2: (in press); Jackson p. 371; Kew 4: 191; Lasègue p. 315, 453, 504; NI 1471; PR 2377, 6844-6845; Quenstedt p. 321; Rehder 5: 635; RS p. 121; TL-1/884, 936; TL-2/see index vol. 2; Urban-Berl. p. 309; Zander ed. 10, p. 698, ed. 11, p. 796.
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Weberbauer, A., Pfl.-Welt. peruan. Anden 8-9. 1911 (Veg. Erde 12).
Zittel, K. A. von, Gesch. Geol. Paläont. 297, 441, 669-670, 692, 696, 705-706, 777, 796, 800, 811. 1858; Hist. geol. palaeontol. 553. 1901.

EPONYMY: *Orbignia* Steudel (1841, *orth. var.* of *Orbigyna* Bertero); *Orbignia* C. F. P. Martius (1844, *orth. var.* of *Orbignya* C. F. P. Martius ex Endlicher); *Orbignya* Bertero (1829, *nom. rej.*); *Orbignya* C. F. P. Martius ex Endlicher (1837, *nom. cons.*).

7095. *Voyage dans l'Amerique méridionale* (le Brésil, la République orientale de l'Uruguay, la République Argentine, la Patagonie, la République du Chili, la République de Bolivia, la République de Pérou), exécuté pendant les années 1826, 1827, 1828, 1829, 1830, 1831, 1832 et 1833 par Alcide d'Orbigny, . . . tome septième. 1re et 2e partie: Cryptogamie [3.e partie: Palmiers] Paris (chez P. Bertrand, . . .) Strasbourg (chez V. Levrault, . . .) 1834[-1847]. Qu. (*Voy. Amér. mér.*).
Publ.: For parts 1 and 2, Cryptogamie, see C. Montagne, TL-2/6237, published 1834-1840 ("1839"). For part 3, Palmiers, see C. F. P. von Martius, TL-2/5540, published 1842-1847. Volume 8 of the *Voyage*, atlas, contains in (1) botanique: *12 pl.* accompanying 7(1), in botanique (2) *3 pl.* accompanying 7(2) and *32 pl.* accompanying 7(3).

Orbigny, [Alcide] **Charles Victor Dessalines d'** (1806-1876), French cryptogamist and encyclopedist. (*C. d'Orb.*).

HERBARIUM and TYPES: LR.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 31; BM 3: 1473, 7: 957; CSP 4: 690, 17: 625; Jackson p. 12; Kew 4: 191; Langman p. 553; PR 6846; TL-1/935.

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Orbigny, C. d', Mem. Mus. Hist. nat. 6: 163-203. 1820 (Sur les plantes marines des côtes du golfe de Gascogne).
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7096. *Dictionnaire universel d'histoire naturelle* résumant et complétant tous les faits présentés par les Encyclopédies, les anciens dictionnaires scientifiques, les oeuvres complètes de Buffon, et les meilleurs traités spéciaux sur les diverses branches des sciences naturelles; – donnant la description des êtres et des divers phénomènes de la nature, l'étymologie et la définition des noms scientifiques, les principales applications des corps organiques et inorganiques à l'agriculture, à la médecine, aux arts industriels, etc.; ouvrage utile aux médecins, aux pharmaciens, aux agriculteurs, aux industriels, et généralement à tous les hommes désireux de s'initier aux merveilles de la nature: par Monsieurs Arago, ... dirigé par M. Charles d'Orbigny, et enrichi d'un magnifique atlas de planches gravées sur acier représentant plus de 1200 sujets ... Paris (Au Bureau principal des éditeurs ...) [1840]1841-1849. 16 vols., 13 text, 3 atlas, bound in 15). Oct. (from vol. 4 on in fours). (*Dict. univ. hist. nat.*).

Orig. ed.: The 16 volumes were published in 12 parts each. The contents of the parts (48, 56 or 64 p.) are still unknown and so are most of the dates of publication of the parts. Iredale (1937) gives some dates of parts, but the information is incomplete. Since the work contains descriptions of several new taxa, further information is desired. Volume 1 was ready by 18 Dec 1841, 2 by 30 Jul 1842, 3 by 1 Jul 1843, 5 by 29 Mar 1845, 8 by 6 Feb 1847, 9 by 17 Jul 1847, 11 by 9 Sep 1848, 12 by 7 Jul 1849 (BF). Botanical authors: Louis Alphonse de Brébisson [Bréb.], Adolphe Brongniart [Ad. B.], Joseph Decaisne [J.D.], Pierre Étienne Simon Duchartre [P.D.], Antoine Guillemin [Gn.], Adrien de Jussieu [Ad. Juss.], Charles Lemaire [C. L.], Joseph Henri Léveillé [Lév.], Camille Montagne [C. M.], Achille Richard [A. R.], Éduard Spach [Sp.].

1: 1841, p. [i*-iv*], [i]-ccxl, [1]-649, [1, err.].
2: 1842, p. [i-iv], [1]-795, [1, err.].
3: 1843 (t.p.), p. [i-iv], [1]-744.
4: 1844, p. [i-iv], [1]-752.
5: 1844, p. [i-iv], [1]-768.
6: 1845, p. [i-iv], [1]-792.
7: 1846, p. [i-iv], [1]-808.
8: 1846 (t.p.), p. [i-iv], [1]-766.
9: 1847 (t.p.), p. [i-iv], [1]-776.
10: 1847, p. [i-iv], [1]-760.
11: 1848, p. [i-iv], [1]-816.
12: 1848, p. [i-iv], [1]-816.
13: 1849, p. [i-iv], [1]-384.
Atlas 1: 1849, p. [i, iii], [1]-17, [18-19], *plates* all zoological, see list in text.
Atlas 2: 1849, p. [i, iii], [1]-22, idem.
Atlas 3: 1849, p. [i-iii], [1]-17, *plates* [Zool.: 1, 3, 5, 1, 23, 5] botany: *Crypt. 7, 8, 16, Monocot.*: 2, 4, 5, 6, 12, 13, 17, 19; *Dicot.: 1-8, 10-12, 14-27, 29-30, 33, 36-38.*

Copies: MO, NY, U (series of bot. plates possibly incomplete) See Wheldon & Wesley, Cat. 131: no. 40. 1974 for a copy with the *288 plates* in original slipcases.

Ed. 2: 1867-1869, 14 vols. *Copy*: NY. – "Deuxième édition revue, considérablement augmentée et enrichie d'un magnifique atlas de plus de 300 planches gravées et coloriées." Paris (au Bureau principal de l'éditeur) Oct.

1: 1867, p. [i*-iv*], [i]-vi, [vii-viii], [1]-694, [1, err.].
2: 1867, p. [i-iv], [1]-808.
3: 1867, p. [i-iv], [1]-752.
4: 1867, p. [i-iv], [1]-768.
5: 1867, p. [i-iv],]1]-816.
6: 1868, p. [i-iv], [1]-804.
7: 1868, p. [i-iv], [1]-792.
8: 1868, p. [i-iv], [1]-807.
9: [1868 or 1869], [i-iv], [1]-784.
10: 1869, p. [i-iv], [1]-784.
11: 1869, p. [i-iv], [1]-784.
12: 1869, p. [i-iv], [1]-752.
13: 1869, p. [i-iv], [1]-716.
14: 1869, p. [i-iv], [1]-604.

Re-issues: See Sherborn and Palmer (1899) and Iredale (1937) for re-issues. There was no reprint with changed type, except for volume 1. Sets with various t.p. dates are encountered, e.g. with (almost) all volumes dated 1849 and 1861. A "Nouvelle edition, revue, considérablement augmentée et enrichi d'un atlas de 340 planches gravés sur acier et coloriées à la main" Paris (Abel Pilon et Cie, éditeurs ...) is undated (*copy*: USDA).

7097. *Essai sur les plantes marines des côtes du golfe de Gascogne*, et particulièrement sur celles du départment de la Charente-inferieure [Paris 1820]. Qu.
Publ.: 1820, p. [1]-40, 1 chart. *Copy*: FI. – Reprinted and to be cited from Mém. Mus. Hist. nat., Paris 6: 163-203. 1820.

Orcutt, Charles Russell (1864-1929), American San Diego based naturalist and collector working on the floras of Southern California, Mexico, Jamaica and Haiti. (*Orcutt*).

HERBARIUM and TYPES: DS; bryophytes: UBC-DS (also FH, CANM); duplicates in many herbaria. (see Sayre 1975).

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1475, 2297; Bossert p. 295; CSP 12: 548, 17: 625-626; GR p. 236; Hortus 3: 1201 ("Orcutt"); IH 1 (ed. 6): 362, 2: (in press); Kew 4: 192; Langman p. 553-555; Lenley p. 318; NW p. 54; Pennell p. 615; PH p. 508 [index]; Rehder 5: 636; Tucker 1: 531; Zander ed. 10, p. 698, ed. 11, p. 796.

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EPONYMY: *Orcuttia* Vasey (1886).

7098. *Southern and lower California flora.* C. R. Orcutt, San Diego, California, U.S.A. [1883]. (*S. Calif. fl.*).
Publ.: Sep 1883 (fide annot. on copies), p. [1]-4. *Copies*: NY, USDA. – List of plants for sale.

7099. *Flora of Southern and Lower California.* A check-list of the flowering plants and ferns, . . . San Diego, California, U.S.A. 1885. (*Fl. S. Calif.*).
Publ.: Jan 1885 (TBC Feb-Mar 1885), cover (with above title), p. [1]-13. *Copies*: McVaugh, MICH, NY(2).

7100. *California trees and flowers.* Descriptions of the wild flowers, ornamental trees and shrubs, ferns, lilies and Cacti, with other information. Illustrated . . . San Diego, California (The Orcutt Seed and Plant Company, . . .) 1891. (*Calif. trees shrubs*).
Publ.: 1891, cover [with above title], [1]-32, [1-2, price list]. *Copy*: NY.

7101. *Review of the Cactaceae* . . . San Diego, California, U.S.A. 1897-1902, 3 "volumes". (*Rev. Cact.*).

1	(1):	3Jul 1897, p. [1]-31.	West Amer. Sci.
	(2):	31Jan 1899, p. [32]-56	11(83): 1-8.
	(3):	Apr 1899, p. 57-72	11(. .): 9-16.
	(4):	Apr 1900, p. [73]-80	11(87): 17-24.
2	(5):	Jul 1900, p. [81]-84	11(91): 57-60.
	(6):	Aug 1900, p. [85]-88	n.v.
	(7):	Jan 1902, col. [89]-94	n.v.
3	(8):	Aug 1902, col. 1-20	13(116): 1-20.
	(9):	Sep 1902, col. 21-36	13(117): 21-36.
	(10):	Oct 1902, col. 37-52	13(118): 37-52.
	(11):	Nov 1902, col. 53-68	13(119): 53-68.

Copy: USDA (incomplete).
Ref.: Britten, J., J. Bot. 36: 71, 144. 1898 ("execrably printed on wretched paper, abounds in misprints . . . we have seldom seen a more unprepossessing publication.").

7102. *Botany of Southern California* a check list of the flowering plants, ferns, marine algae, etc., known to occur in San Diego, Riverside, San Bernardino, Orange and Los Angeles counties, California, and north Baja California, with notes, and descriptions of many species . . . San Diego, California. 1901. Oct. (*Bot. S. Calif.*).
Publ.: 1901 (Bot. Zeit. 16 Oct 1901; Nat. Nov. Jun(2) 1901), p. [i-ii], col. [41/42]-171/172. *Copies*: NY, US, USDA. – Reprinted from W. Amer. Sci. 11: 41/42-171/172. 1901, as follows:

columns	West Amer. Sci.	columns	West Amer. Sci.
41-64	11(93), Sep 1900	97-104	11(97), Jan 1901
65-80	11(94), Oct 1900	105-110	11(98), Feb 1901
81-88	11(95), Nov 1900	111-142	11(99), Mar 1901
89-96	11(96), Dec 1900	143-172	11(100), Apr 1901.

7103. *American plants* . . . San Diego, California 1907-1912, 3 vols. Oct. (*Amer. pl.*).
1(1): Jan 1907, col. 1/2-31/32.
(2): [Jan] 1907, col. 33/34-63/64.
(3): [Jan] 1907, col. 65/66-95/96.
(4): Feb 1907, col 97/98-127/128.
(5): Mar 1907, col. 129/130-159/160.
(6): Apr 1907, col. 161/162-191/192.
(7): [n.v.], col. 193/194-223/224.

(8/9): [n.v.], col. 225/226-287/288.
(10): Jul 1908, col. 289/290-319/320.
(11): Aug 1908, col. 321/322-351/352.
(12): Sep 1908, col. 353/354-383/384, frontisp., p. [i, volume title].
2: 1909, frontisp., p. [i-vi], col. 385/386-787/788, 7 *pl.*
3: 1910, p. [i-v], *pl. 12-39*, col. 789/790-1075/1076. *Copies*: MICH, MO, USDA.

Ordoyno, Thomas (*fl.* 1790s-1810s), British nurseryman and seedsman of Newark-on-Trent. (*Ordoyno*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 32; BB p. 233; BL 2: 262, 698; BM 3: 1476; Desmond p. 473; Jackson p. 258; Kew 4: 192; PR 6847 (ed. 1: 7648); Rehder 5: 636; SO add. 786b; Tucker 1: 531.

7104. *Flora nottinghamiensis*, or a systematic arrangement of the plants growing naturally in the county of Nottingham; with their Linnaen [sic] and English names, generic and specific characters in Latin and English, places of growth, and time of flowering. By Thomas Ordoyno, . . . Newark (printed for the author by S. and J. Ridge . . . And sold by B. Crosby, and Co. . . . London) 1807. Oct. (*Fl. nottingh.*).
Publ.: 1907 (p. [2]: 5 Aug 1907), [i*], [1]-7, [i]-v, [vi, err.], [1]-344. *Copy*: USDA.

Ordway, John Morse (1823-1909), American chemist and botanist; A. M. Dartmouth 1847, later at Tulane University, New Orleans. (*Ordway*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 32; CSP 4: 691-692, 8: 535, 10: 960; ME 2: 55.
Poggendorff, J. C., Biogr.-lit. Handw.-Buch 5(2): 923. 1926 (b. 1823, d. 4 Jul 1909), (see also vols. 3 and 4).

7105. *Analytical key to the natural orders of the vegetable kingdom.* Printed for the use of students in the Massachusetts Institute of Technology. Boston (W. J. Schofield, printers . . .) 1881. (*Anal. key nat. ord.*).
Publ.: 1881, p. [1]-94. *Copies*: FH, NY. – Author's name given on cover.

Ormezzano, Quentin Jean Baptiste (1854-1912), French botanist and building contractor at Autun. (*Ormezzano*).

HERBARIUM and TYPES: A teratological collection (and other material?) at AUT.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 32: BL 2: 196, 698; Tucker 1: 531.
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Chateau, E., Soc. Hist. nat. Autun, Bull. 26: 15-21. 1913 (obit., b. 15 Sep 1854, d. 15 Aug 1912).

7106. *Florule raisonnée du Brionnais* par MM. Q. Ormezzano & E. Chateau avec la collaboration de M. le Dr. X. Gillot, Autun (Imprimerie et librairie Dejussieu) 1908. Oct.
Co-author: Emile Chateau (*fl.* 1906); *collaborator*: François Xavier Gillot (1842-1910).
Publ.: 1906-1908 (in journal; reprint 1908; Nat. Nov. Oct(1,2) 1908), p. [i-ii], [1]-213, map. *Copy*: NY. – Reprinted and to be cited from Bull. Soc. Hist. nat. Autun 19: [221]-322, map. 1906, 20: 49-114. 1907, 21: 53-90. 1908.

Orphanides, Theodoros Georgios (1817-1886), Greek botanist and poet; studied in Paris; from 1848 professor of botany in Athens. (*Orph.*).

HERBARIUM and TYPES: ATHU; also material at ACA and HUTH and a large set at WU. – Exsiccatae: *Flora graeca exsiccata*, cent. 1-8, 1853-1862, sets in many herbaria. See Heldreich (1877) for a catalogue of O's Leguminosae.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 211; Barnhart 3: 32; BM 3: 1478; Bossert p. 295; Clokie p. 219; CSP 12: 549, 17: 631; Herder p. 281, 363; Hortus 3: 1201 ("Orph."); IH 1 (ed. 6): 362, 2: (in press); Jackson p. 313, 431; Kew 4: 194; Morren ed. 10, p. 25; PR 6850; Rehder 5: 637; TL-2/2597; Urban-Berl. p. 380; Zander ed. 10, p. 698, ed. 11, p. 796.
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EPONYMY: *Orphanidesia* Boissiera et Balansa (1875); *Orphanidesites* R. Caspary (1880).

7107. *Prospectus flora graeca exsiccata.* Collection de plantes rares et intéressantes de la Grèce ... Athènes (Imprimerie de C. Nicolaides philadelphien) 1850. (*Prosp. fl. Graeca exs.*). *Publ.*: 1850 (p. 6: 15 Sep 1850), p. [1]-16. *Copy*: G.

Ortega, Casimiro Gomez [de] (1740-1818), Spanish botanist; director of the Madrid botanical Garden 1771-1801. (*Ort.*).

HERBARIUM and TYPES: MA; other material at BM, E (in herb. Giseke), H., and P-HAL.

NOTE ON NAME: Often alphabetized as Gomez Ortega, G. [de].

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 62, 3: 33; BM 3: 1479; Colmeiro 1: clxxvii-clxxviii, penins. p. 125, 166-169; Dawson p. 641-642; Dryander 3: 22, 27, 33, 146, 286, 481; Frank 3(Anh.): 73; Herder p. 77, 94, 141; Hortus 3: 1201 ("Ort."); Jackson p. 446; Kew 4: 195-196; Langman p. 321; NAF ser. 2. 2: 158; NI 1472-1473; Plesch p. 352; PR 6851-6859 (ed. 1: 7652-7660); Rehder 5: 637; RS p. 85; SO 450, 587, 588, 589, 689; Sotheby no. 576; TL-1/937-938, 1017; TL-2/see A. v. Haller; Tucker 1: 531; Zander ed. 10, p. 698; ed. 11, p. 796.
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Urban, I., Symb. ant. 1: 119-120. 1898.

COMPOSITE WORKS: Quer y Martinez, J., *Flora española*, continuacion ... ordenada ... y publicada ... por C. G. de Ortega, vols. 5 & 6, Madrid 1784, see under Quer.

EPONYMY: *Ortega* Linnaeus (1753), corr. *Ortegia* Linnaeus (1754); *Ortegaea* Post et O. Kuntze (1903, *orth. var.*). *Note*: *Ortegocactus* E. J. Alexander (1961) honors the Ortega family of San José Lachiguirí, Mexico.

7108. Casimiri Gomezii Ortegae, ... *Tabulae botanicae*, in quibus classes, sectiones, et genera plantarum in Institutionibus Tournefortianis tradita synoptice exhibentur, in usum praelectionum botanicarum. Matriti [Madrid] (apud Joachimum Ibarra, ...) 1773. Qu. (*Tab. bot.*).
Publ.: 1773, p. [1]-39. *Copy*: FI. Ortega validated some Tournefortian names hitherto not taken up by any other author. See Rothmaler (1940) for a list of notes and new combinations.
Later edition: *Tablas botánicas*, 1783, see below.

7109. *Historia natural de la Malagueta*, o pimienta de tavasco, y noticia de los usos, virtudes y exêncion [sic] de derechos de esta saludable y gustosa especia, con la lámina de su arbol ... Madrid (por D. Joachin [sic] Ibarra impresor de Cámara de S.M.) 1780. Qu. (*Hist. nat. Malagueta*).
Publ.: 1780, frontisp., [i], 1-34. *Copy*: PH.

7110. *Tablas botánicas*, en que se explican sumariamente las clases, secciones y géneros de plantes que trae Tournefort en sus Instituciones: á que se anaden en cada género los nombres Españoles de muchas especies de vegetables, y la explicacion de algunas voces facultativas. Para el uso de varias lecciones y herborizaciones botánicas ... en Madrid (en la Imprenta real) 1783. Oct. (*Tabl. bot.*).
Publ.: 1783, p. [i-xvi], [1]-167, [36 unnumbered p.]. *Copies*: National Library of Scotland (inf. J. Edmonston), HU (inf. R. Kiger). – A much enlarged Spanish version of the 1773 *Tab. bot.* (see above). The UH copy has also a Latin t.p., *Tabulae botanicae*, ... Matriti (ex Typographia Regia) 1783.

7111. *Curso elemental de botánica*, teórico y práctico, dispuesto para la enseñaza del Real Jardin botánico de Madrid ... en Madrid (en la Imprenta Real) 1785. (*Curso elem. bot.*).
Co-author (ed. 1): Antonio Paula y Verdera (x-1793).
Ed. 1: 1785 (J. libr. 15 Apr 1786). *Copy*: WU (inf. W. Gutermann).
Parte teórica: p. [i*-xii*], [i]-xiv, [1]-226.
Parte práctica: p. [i*-iv*], [i]-xl, 1-184.
Ed. 2: 1795. *Copies*: FI, HU, NY, USDA. – Segunda edicion corregida, aumentada é ilustrada con láminas ... En Madrid (en la Imprenta de la viuda é hijo de Marin) 1795. Qu.
Parte téorica: engr. t.p., p. [i-xvi], 1-256, *pl. 1-9* (uncol. copp.).
Parte práctica: p. [i]-xliv, [1]-240, *1 pl.* (id., syst. sex.).
Italian translation see below, *Corso elementare teorico di botanico*.
Mexican ed. (of ed. 1): mentioned by TR (6858): "por D. Felipe de Zuñiga y Ontiveros 1788." Qu. ix, 108 p.

7112. *Corso elementare teorico di botanico* ed introduzione alla parte pratica per l'ammaestramento che si fa nel r. Giardino di Madrid ... traduzione dalla Spagnuola, Parma (dalla Reale Stamperia) 1888. Oct. (*Corso elem. bot.*).
Translation by: Giambattista Gualteri.
Ed. 1: 1788, p. [i*-xii*], i-xxx, 1-328, i-xxix, 2 charts. *Copies*: BR, MICH, PH.
Ed. 2: An I. Repub. Ital. (1796-1797; Cispadane republic founded Oct 1796), p. [i]-xxxviii, 1-242, i-xxviii. *Copy*: FI. – Nuova edizione reveduta, e corretta. Brescia (dalla Tipografia dipartimentale).

7113. Caroli Linnaei, botanicorum principis, *Philosophia botanica*, annotationibus, explanationibus, supplementis aucta cura, et opera Casimiri Gomez Ortega ... accedunt J. Andr. Murray nomina trivialia. Matriti (ex typogr. viduae, et filii Petri Marin.) 1792. Oct. (*Philos. bot.*).
Publ.: 1792, p. [i*], i-viii, [1]-426, *11 pl.* (*pl. 11* on p. 307). *Copy*: NY. – Heavily annotated and amended version of Linnaeus, C., *Philosophia botanica* (1751). See SO 450 and also TL-2/4760 under no. 12.

7114. Casimiri Gomezii Ortegae *novarum, aut rariorum plantarum* horti reg. botan. matrit. descriptionum *decades,* cum nonnullarum iconibus . . . Superiorum permisso. Matriti [Madrid] (ex typographia Ibarriana) 1797-1800. Qu. (*Nov. pl. descr. dec.*).
1-4: 1797, p. [i-viii], [1]-51, *pl. 1-6* (uncol. copp. by Is. Galvez).
5-6: 1798, p. [i-iv], 53-80, *pl. 7-10* (preface: pridie Idus maj.).
7-8: 1798, p. [i-iv], 81-108, *pl. 11-13.*
9-10: 1800, p. [i], 109-138, *pl. 14-18.*
Copies: MICH, NY, USDA(1-4); IDC 5531; *General t.p.* (copies: NY, PH): Casimiri Gomezii Ortegae, . . . novarum . . . iconibus. Centuria I. Superiorum permissu Matriri mdccc. Ex typographia mariniana.

Ortega, Jesús González (1876-1936), Mexican botanist. (*J. Gonz. Ort.*).

HERBARIUM and TYPES: Material at C, CAS, DS, E, F, G, ISC, K, LAU, M, MEXU, MIN, MO, NY, PH, POM, US.

NAME: Properly alphabetized as González Ortega, O.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 64 (b. 3 Mar 1876, d. 11 Jun 1936), 3: 33; BL 1: 152, 311; Langman p. 325-326.
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 116. 1970.

7115. *Flora indígena de Sinaloa* . . . Mazatlan, Sin. (Imprenta de la Escuela preparatoria) 1929.
Publ.: 1929, p. [1-26]. *Copy*: MICH. – Langman (p. 325) states that this publication and the two catalogues (see below) were originally published in the Boletin de Pro-Cultura Regional S.C.C. 1(1), 1929 unpaged, continued in nos. 2, 3, 4, 13, 14, 15 to Dec 1930 and 33-37. (*copy*: MICH). Our data are incomplete; the publication merits further research.

7116. *Catálogo alfabético* de los nombres vulgares *de las plantas de Sinaloa* con su sinonimía botánica. Mazatlan, Sin. (Imprenta de la Escuela preparatoria) 1929. (*Cat. alf. pl. Sinaloa*).
Publ.: 1929, p. [1]-17. *Copies*: McVaugh, MICH.

7117. *Catálogo sistemático de las plantas de Sinaloa.* Mazatlan, Sin. (Imprenta de la Escuela preparatoria) 1929. (*Cat. sist. pl. Sinaloa*).
Publ.: 1929, p. [1]-50. *Copies*: McVaugh, MICH.

Ortloff, Fr. (x-1896), German bryologist at Coburg. (*Ortloff*).

HERBARIUM and TYPES: JE.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 33; BM 3: 1479; IH 2: (in press).

7118. *Die Stammblätter von Sphagnum,* microphotographisch nach der Natur aufgenommen und herausgegeben von Dr. Fr. Ortloff in Coburg, in 66 Lichtdruckbildern der Dietz'schen Hofbuchdruckerei daselbst. Coburg (im Selbstverlag des Herausgebers) 1891. Oct. (*Stammblätt. Sphagnum*).
Publ.: Dec 1891 (p. [v]: Nov 1891; Bot. Centralbl. 48: 28. 7 Oct 1891, rev. 17 Feb 1892; Bot. Zeit. 30 Oct 1891 sic: announcements; Nat. Nov. Jul(2) 1892), p. [i-viii], *pl. 1, 2a, 2b, 3a, 3b, 4-11a, 11b, 12-27a, 27b, 28a, 28b, 28c, 29-32a, 32f, 33-37a, 37b, 38a, 38b, 38c, 39-46a, 46b, 47, 48a, 48b, 49-54* (photos). *Copies*: NY, PH. – Identifications by C. Warnstorf.
Ref.: Warnstorf, C., Hedwigia 31(1/2): 75-77. 1892. (in literature received Apr-Dec 1891); Bot. Centralbl. 49: 207-208. 17 Feb 1892.

Ortmann, Anton (1801-1861), German-Bohemian botanist and pharmacist at Ellbogen and Carlsbad; 1857-1861 burgomaster of Ellbogen. (*Ant. Ortmann*).

HERBARIUM and TYPES: PR; some further material at MW.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 33; BM 3: 1479; CSP 4: 701-702; Futák-Domin

p. 447; GR p. 456; Klášterský p. 139; Maiwald p. 136, 148, 167, 168, 187; PR 6862-6864; Rehder 5: 637; Tucker 1: 531.
Anon., Bot. Zeit. 20: 96. 1862; Lotos 11: 240. 1861 (d.); Österr. bot. Z. 12: 52. 1862 (d. 25 Nov 1861).
Dilg, P. & W. Ilg, Deut. Apoth. Zeit. 118(7): 251. 1978 (member Regensb. bot. Ges.).
Opiz, P. M., Flora 17: 592. 1834 (epon.).

EPONYMY: *Ortmannia* Opiz (1834).

NOTE: We failed to locate a copy of his "Die Flora Karlsbads und seiner Umgegend" Stuttgart 1838. A copy was received by the Regensb. bot. Ges. on 1 Oct 1838 (Flora 21: 771. 1838).

Ortmann, Arnold Edward (1863-1927), German-born American invertebrate zoologist and botanist; student of E. Haeckel; Dr. phil. Jena 1886; assistant in botany Jena and Kiel 1882-1886; in palaeontology at Strassburg 1886-1887; at the Zoological Museum, Strassburg 1887-1894; curator invertebrate palaeontology Princeton 1894-1903; idem Carnegie Museum Pittsburgh 1903-1925, also professor of physical geography, Pittsburgh 1910-1925, id. of zoology 1925-1927. (*Arn. Ortmann*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 33 (b. 8 Aug 1863, d. 3 Jun 1927); BJI 1: 43; Cattell, J. M. & R. Brimhall, eds., Amer. men. Sci. ed. 3. 240. 1921.
Holland, W. J., Science ser. 2. 65: 19. 1927, Ann. Carnegie Mus. 17: 207-209. 1927 (obit., b. 8 Apr 1863, Magdeburg, Prussia, d. 3 Jan 1927; naturalized citizen U.S.A. between 1894-1903; portr.).
Jennings, O. E., Trillia 9: 92-93. 1930 (refers to biogr. in Pittsburgh Legal Journal 74: 793-814. 20 Nov 1926).

7119. *Beiträge zur Kenntniss unterirdischer Stengelgebilde.* Inaugural-Dissertation zur Erlangung der Doctorwürde der philosophischen Facultät der Universität Jena . . . Jena (Druck von Julius Hossfeld) 1886. Oct. (*Beitr. Kenntn. Stengelgeb.*).
Publ.: 1886 (Bot. Zeit. 29 Oct 1886; Bot. Jahrb. 24 Jun 1887), p. [1]-40. *Copy*: MO.

Orton, Clayton Roberts (1885-1955), American botanist; MS Purdue Univ. 1915; at Vermont Exp. Sta. 1909-1910; Wisconsin Exp. Sta. 1910, Indiana Exp. Sta. 1911-1912, Pennsylvania State College 1913-1927; West Virginia University 1929-1955. (*Orton*).

HERBARIUM and TYPES: PUR; further material at PAC and WVA.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 33; BM 7: 959; Hawksworth p. 185; Hirsch p. 220; IH 1(ed. 6): 362, 2: (in press); Kelly p. 164; Kew 4: 196; Lenley p. 318; LS suppl. 20537-20559; NAF 7: 1080; Pennell p. 615; Stevenson p. 1253; TL-2/781.
Boone, W., Hist. bot. W. Virginia 115, 156, 162, 164, 165, 166, 168, 169. 1965.
Garwood, E. J., Geol. Mag. dec. 6. 1: 265. 1914 (epon.).
Leach, J. G. and F. D. Kern, Phytopathology 46: 243. 1956 (obit., portr., b. 1 Apr 1885, d. 17 Jun 1955).
Murrill, W. A., Hist. found. bot. Florida 36. 1945.

COMPOSITE WORKS: Collaborator with J. C. Arthur, *The plant rusts* 1929.

EPONYMY: *Ortonella* E. J. Garwood (1914) is named for the English village of Orton.

Orton, William Allen (1877-1930), American plant pathologist; M. Sc. Univ. Vermont 1898; from 1899-1930 with USDA, from 1907-1924 pathologist in charge of the office of cotton, truck and forage crop disease investigations; from 1924-1930 also scientific director of the Tropical plant research Foundation. (*W. Orton*).

HERBARIUM and TYPES: BPI and CUP.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 34 (b. 28 Feb 1877, d. 7 Jan 1920); IH 2: (in press); Lenley p. 318; Rehder 5: 637; Tucker 1: 531.
Anon., Bot. Jahrb. 27, Beibl. 64: 21. 1900 (asst. dir. Veg. Physiol., USDA); The Official Record, Washington, D.C. 16 Jan 1930 (obit., portr., d. 7 Jan 1930); Phytopathology 21: 575. 1931; Science ser. 2. 71: 61. 1930.
Ewan, J. et al., Short. hist. bot. U.S. 87, 170. 1969 (err. d. 1920).
Gilbert, W. W., Science ser. 2. 71: 89-91. 1930 (b. 28 Feb 1877, d. 7 Jan 1930; obit.).
Jones, L. R., Phytopathology 21: 1-11. 1931 (obit., portr., bibl.).
McKeen Cattel, J., ed., Amer. men. Sci. ed. 2. 353. 1906.
Murrill, W. A., Hist. found. bot. Florida 36. 1945.
Rodgers, A. D., Liberty Hyde Bailey 500 [index]. 1949.
Russel, W., Rev. bot. appl. Agric. trop. 11: 396. 1931 (n.v.).
Stevenson, J. A., Taxon 4: 183. 1955 (fungi BPI).

7120. *A partial list of the parasitic fungi of Vermont* . . . from the Eleventh Annual Report of the Vermont Agricultural Experiment Station, 1897-1898. Reprinted by the Botanical Department of the University of Vermont. September, 1898. Oct.
Publ.: Sep 1898, p. [1]-21. *Copy*: US. – Reprinted with independent pagination from Rep. Vermont Exp. Station 2: 202-219. 1898 which may have come out before the reprint.

Osbeck, Pehr (1723-1805), Swedish clergyman and botanist; chaplain with the Svenska Ostindiska Kompaniet, on the "Prins Carl" to the East, 1750-1752; ultimately village clergyman in Halland; Dr. theol. 1778. (*Osbeck*).

HERBARIUM and TYPES: S (in part), SBT (id.); material from the Prins Carl voyage (1750-1852) at C, E (herb. Giseke), H, LINN, LD, S, UPS. See Hansen & Fox Maule (1973).

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 412; Barnhart 3: 33, BM 3: 1480; Bossert p. 295; Bret. p. 58; Colmeiro 1: cxci; CSP 4: 706; Dryander 3: 239-240, 303, 352, 625, 637; Frank 3(Anh.): 73; Hegi 5(2): 795; Hortus 3: 1201 ("Osbeck"); Kew 4: 197; KR p. 565-566 (b. 9 Mai 1723, d. 23 Dec 1805); Lasègue p. 357, 359, 434, 503; Lenley p. 318; LS*19578-19579; MW p. 370-371; PR 6865 (ed. 1: 7664); Rehder 5: 637; SK 1: 395, 5: cccviii-cccix, 8: lxxiii; SO 872, 3599-3604; TL-2/see Alströmer, C., Bergius, P. J.; Tucker 1: 532; Zander ed. 10, p. 698, ed. 11, p. 796.
Anon., Bot. Not. 1845: 104 (ref. to entry Biogr. lex. Sv. män, vol. 10).
Bernardi, L., Mus. Genève 198: 11. 1979.
Blunt, W., The compleat natural. 185. 1971.
Bretschneider, E., Early European researchers into the flora of China 88-115. 1881 (list of 319 Chinese pl. known to L., incl. those coll. by Osbeck).
Candolle, Alph. de, Phytographie 438. 1880 (coll. S).
Dandy, J. E., Regn. Veg. 51: 17. 1967 (generic names in *Dagbok*).
Eriksson, G., Bot. hist. Sverige 243, 270, 293, 296, 300, 325. 1969.
Fox Maule, A. & C. Hansen, Sv. Linnésällsk. Årsskr. 1972-74: 75-145. 1978. (corr. Linnaeus-Osbeck 1750-1753, mentioning i.a. plant collected by O in China and used for Sp. Pl.).
Fries, Th. M., Bref skrifv. Linné 1(2): 172, 193, 208, 210, 345. 1908; 1(4): 137, 209, 252, 319. 1910,; 1(5): 10, 175, 198. 1911; 1(7): 35. 1917.
Fries, R. E., Short hist. bot. Sweden 28. 1950.
Hansen, C., Taxon 21(5/6): 653-657. 1972 (*Osbeckia*).
Hansen, C. & A. Fox Maule, Bot. J. Linn. Soc. 67: 189-212. *pl. 1-6.* 1973 (O's collections and L's Species plantarum; for text of letters see Fox Maule & Hansen 1978).
Hulth, J. M., Bref skrifv. Linné 1(8): 166, 167, 171, 172. 1922.
Jackson, B. D., Index to the Linnean herbarium 16. 1912; Proc. Linn. Soc. 134 (suppl.): 19. 1922.
Jessen, K. F. W., Bot. Gegenw. Vorz. 300, 469. 1884.
Kukkonen, I., Herb. Chr. Steven 76. 1971.
Löwegren, Y., Naturalienkabinett i Sverige 359-360. 1952 (on his insect coll.).
Makino, T., J. Jap. Bot. 6(11): *pl. 1929* (reproduction of *pl.2* of vol.1 of the Voy. China, 1771).
Merrill, E. D., Amer. J. Bot. 3: 571-588. 1916 (on O's *Dagbok*).

Naudin, C. V., Ann. Sci. nat. Bot. ser. 3. 14: 118. 1850 (epon.).
Nissen, C., Zool. Buchill. 303-304. 1969.
Peterson, B., Medd. Göteb. bot. Trädgård 18: 15-23. 1949.
Peterson, G. & B., Varbergs Museum årsbok 1967: 1-22. (account of Osbeck's trip to Halland-Bohuslän; portr.).
Roberts, W., Gard. Chron. ser.3. 23: 241. 1898 (Osbeck's "China").
Scheutz, Bot. Not. 1863: 71.
Stafleu, F. A., Linnaeus and the Linnaeans 149. 1971; *in* Daniels, G. S. & Stafleu, F. A., Taxon 25: 232. 1 Jun 1976 (portr.).

HANDWRITING: Medd. Göteb. bot. Trädgård 18: 16. 1919; Varbergs Museum Årsbok 1967: 5; Bot. J. Linn. Soc. 67: *pl. 6.* 1973.

EPONYMY: *Osbecka* Cothenius (1790, *orth. var.*); *Osbeckia* Linnaeus (1753); *Osbekia* K. P. J. Sprengel (1825, *orth. var.*); *Osbeckiastrum* Naudin (1850).

7121. *Dagbok öfwer en Ostindisk resa* åren 1750, 1751, 1752. Med anmärkningar uti naturkunnigheten, främmande folkslags språk, seder, hushållning m.m. . . . Iämte 12 tabeller och afledne skepps-predikanten Toréns Bref. Stockholm (trycks hos Lor. Ludv. Grefing, . . .) 1757. Oct. (*Dagb. Ostind. resa*).
Publ.: 1757 (p. viii: 25 Apr 1757), p. [i-viii], [1]-376, [p. 1-16, index], *pl. 1-12* (uncol. copp.). *Copies*: NY; IDC 247. – Contains also a text on a trip to Suratte by Olof Torén (1723-1753). For translations see below (see also SO 3599-3604). For generic names see Dandy (1967).

7122. Herrn Peter Osbeck . . . *Reise nach Ostindien und China.* Nebst D. Toreens Briefe nach Suratte und C. G. Ekebergs Nachricht von der Landwirthschaft der Chineser. Aus dem Schwedischen übersetzt von J. G. Georgi . . . Rostock (Verlegts Johann Christian Koppe) 1765. Oct. (*Reise Ostindien*).
Translator: Johan Gottlieb Georgi (1729-1802).
Publ.: 1765 (p. xviii: 25 Sep 1764), p. [i*-vi*], [i]-xxiv, [xxv-xxvi], [1]-552, [index 1-26], *pl. 1-13* (uncol. copp.). *Copy*: NY. – The editor, J. C. D. Schreber, mentions in the preface that it contains various new corrigenda and addenda by Osbeck.

7123. *A voyage to China and the East Indies,* by Peter Osbeck, . . . together with a voyage to Suratte, by Olof Toreen, . . . and an account of the Chinese husbandry by captain Charles Gustavus Eckeberg. Translated from the German by John Reinhold Forster, . . . to which are added a faunula and flora sinensis . . . London (printed for Benjamin White, . . .) 1771. Oct. (*Voy. China*).
Translator: Johann Reinhold Forster (1729-1798).
1: 1771 (p. v: 1 Dec 1770), p. [i]-xx, 1-396, *pl. 1-13.*
2: 1771, p. [i], 1-367, [1-31, index; 32, err.].
Copies: MICH, MO, NY. – The translation is based on the German version of 1765; it is referred to in Index Kewensis as "Osbeck iter." For the original publication of new names see the Swedish original of 1757.

Osborn, Henry Stafford (1823-1894), American Presbyterian clergyman, college professor and orientalist; ord. 1846; pastor at Hanover, Va. 1846-1849, Richmond, Va. 1849-1853, Liberty, Va. 1853-1858, Salem, Va. 1858-1859, Belvidere, N. J. 1859-1866; professor of mining and metallurgy Lafayette Coll. 1866-1870; at Oxford, Ohio 1870-1871; prof. at Miami Univ. 1871-1873; later pastor at Millville, Ohio; Dr. LL. D. h.c. Lafayette 1865. (*H. Osborn.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 34; BM 3: 1481; Jackson p. 394; Kew 4: 197; Tucker 1: 532.
Anon., Natl. cycl. Amer. biogr. 11: 495. 1901 (b. 17 Aug 1823).

7124. *Plants of the Holy Land* with their fruits and flowers. Beautifully illustrated by original

drawings, colored from nature . . . Philadelphia (J. B. Lippincott & Co.) 1861. Qu. (*Pl. Holy Land*).
Publ.: 1861, p. [1]-174, map. *Copy*: MO. – Very popular account.

Osborn, Theodore George Bentley (1887-1973), British botanist; MSc. Manchester 1911, D. Sc. ib. 1920; lecturer Manchester 1908-1912; professor of botany Adelaide 1912-1927; id. Sydney 1928-1937; id. Oxford 1937-1953; returned to Adelaide 1953. (*T. Osborn*).

HERBARIUM and TYPES: OXF.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 34; BJI 2: 127; BL 1: 71, 72, 311; BM 7: 960; Clokie p. 219-220; Desmond p. 473; Kew 4; 197; LS 37558-37559, suppl. 20582-20595.
Anon., Nature 139: 746. 1937 (app. Oxford); 171: 373. 1953 (retirement); 244: 377. 1973 (obit.); S. Austral. Natural. 48: 9. 1973 (obit.); The Times 6 Jun 1973.
Robertson, R. N. & C. M. Eardley, Trans. R. Soc. S. Australia 97: 316-320. 1973 (obit., bibl., portr., b. 2 Oct 1887, d. 3 Jun 1973).
Verdoorn, F., Chron. bot. 4: portr. opp. 72. 1938.

EPONYMY: *Osbornia* F. v. Mueller (1862) honors J. W. Osborne, a chemist who invented a new method of photo-lithography.

Oskamp, Dirk Leonard (1768-?), Dutch botanist and physician at Utrecht. (*Oskamp*).

HERBARIUM and TYPES: Unknown.

NAME: Name and year of birth taken from the Utrecht municipal archives by Lucie Vos. "Diedericus" and "Theodoricus" are later latinized versions of the baptismal name Dirk (not: Diederick).

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1482; Dryander 3: 25; JW 4: 400, 5: 247; Kew 4: 198; PR 4871, 4874, 6867-6868, 10678 (ed. 1: 7667-7669); Rehder 5: 637; SO 754; TL-2/3926; Tucker 1: 532.
Anon., Allg. Konst. Letter-Bode 3: 167-168. 1795.

COMPOSITE WORKS: See J. C. Kraus, *Afbeeldingen der Artseny-Gewassen*, 1796-1800, 6 vols., text of vol. 1 by Oskamp.

EPONYMY: *Oskampia* Moench (1794); *Oskampia* Rafinesque (1838). *Note*: The derivation of *Oskampia* Baillon (1890) was not given by the author.

7125. *Specimen botanico-physicum* inaugurale, exhibens nonnulla, plantarum fabricam, et oeconomiam spectantia, quod, auspice deo ter optimo maximo, ex auctoritate Rectoris magnifici Guilielmi Laurentii Brown, . . . nec non amplissimi senatus academici consensu, & nobilissime ordinis philosophici decreto, pro gradu doctoratus et magisterii summisque in philosophia, & artibus liberalibus honoribus, & privilegiis, rite, ac legitime consequendis ad disceptandum proposcuit Didericus Leonardus Oskamp, rheno-trajectinus. Ad. diem iii. Novembris mdcclxxxix h.l.q.s. Trajecti ad Rhenum [Utrecht] (ex officina Abrahami à Paddenburg, academiae typographi) 1789. Qu. (*Spec. bot.-phys.*).
Publ.: 3 Nov 1789, p. [i-viii], [1]-70, [1-7], [1, err.]. *Copies*: NY, U.

7126. Theodorici Leonhardi Oskamp . . . *Tabulae plantarum terminologiae*, adjecta systematis Linnaei explicatione, nec non praecipuos vegetabilium characteres eruendi methodi brevissima. Lugduni batavorum [Leiden] (apud A. et J. Honkoop) 1793. Fol. (*Tab. pl. termin.*).
Publ.: 1793, p. [1]-8, 6 charts. *Copies*: U, USDA.

Osten, Cornelius (1863-1936), German botanist and business man in Uruguay; Dr. phil. h.c. Göttingen 1934. (*Osten*).

HERBARIUM and TYPES: GOET (especially Compositae) and MVM; other material in B, BAF, C, CORD, F, G, K, L, NY, S, SI, US, Z.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 35; BJI 2: 127; BL 1: 259, 311; CSP 17: 644; IH 1(ed. 6): 362, 2: (in press); Kew 4: 199; Urban-Berl. p. 380.
Arechavaleta, J., Fl. Uruguaya 2: xliii. 1903 (note).
Legrand, D., Rev. Arg. 3: 260-262. 1936 (obit., portr., bibl., b. 11 Feb 1863, d. 6 Sep 1936), Physis 12: 184-187. 1936 (id.).
Verdoorn, F., Chron. bot. 3: 330-331. 1937 (obit., portr.).

FESTSCHRIFT: *Ostenia*, coleccion de trabajos botanicos dedicados a Don Cornelio Osten en ocasion del lxx aniversario de su nacimiento. Montevideo 11 de febrero de 1933, 364 p., portr.

7127. *Plantae uruguayenses* ... [Anales Mus. Nac. Montevideo 1925-1929]. Oct. †.
Co-author: Wilhelm Gustav Franz Herter (1884-1958).
Publ.: *in* Anales Mus. Nac. Montevideo ser. 2. 1: 325-404, *pl. 25-29*. 1925 [reprinted Montevideo 1925, cover, p. [1]-80, [1, index], *pl. 25-28*. *Copy*: USDA.], 2: 103-127. 1925, 301-319. 1927, 3: 43-56. 1929. To be cited from journal.

Osten-Saken, Baron **Friedrich von der** (Fedor Romanovič) (1832-?), German botanist in Russia. (*Osten-Saken*).

HERBARIUM and TYPES: LE (name on labels spelled Osten-Saken (not: Sacken) by collector himself).

BIBLIOGRAPHY and BIOGRAPHY: Bret. p. 580; Lipschitz, Fontes 2190; Herder p. 211; MW supp. p. 273; PR 6869; Rehder 5: 638; TR 1222; Tucker 1: 532.
Borodin, J., Trav. Mus. bot. Akad. Sci. St. Petersburg 4: 87. 1908.
Candolle, Alph. de, Phytographie 438. 1880 (coll. LE).

7128. *Sertum tianschanicum*. Botanische Ergebnisse einer Reise im mittleren Tian-Schan ... St. Pétersbourg (... Académie impériale des sciences ...) 1869. Qu. (*Sert. tianschan.*).
Co-author: Franz Joseph Ruprecht (1814-1870).
Publ.: Jun-Nov 1869 (submitted 6 Mai 1869; Bot. Zeit. 4 Feb 1870; Flora 27 Dec 1869; BSbF Apr-Mai 1870), p. [i-ii], [1]-74. *Copy*: G. – Published as Mém. Acad. Sci. St. Pétersb. ser. 7, 14(4).

Ostenfeld, Carl Emil Hansen (1873-1931), Danish botanist; Ph.D. Kjøbenhavn 1906; inspector of the Botanical Museum from 1900-1918; professor of botany, at the Veterinary College, 1918-1923, and director of the Botanical Garden of Kjøbenhavn 1923-1931. (*Ostenf.*).

HERBARIUM and TYPES: C; other material in B, CANB, DBN, E, GB, GH, ICEL, K, L, LE, MO, OXF.

NAME: Papers until 1897 signed C. Ostenfeld Hansen or C. Ostenfeld-Hansen.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 36; BJI 2: 127-128; BL 1: 77, 136, 155, 156, 227, 311, 2: 47, 48, 54, 57, 324, 457, 477, 688; BM 3: 1482, 7: 961-962; Bossert p. 296; Clokie p. 220; CSP 17: 645-646; De Toni 4: xliv; Hirsch p. 221; Hortus 3: 1201 ("Ostenf."); Kew 4: 199-201; Kleppa p. 329 [index]; KR p. 566; Langman p. 558; Lenley p. 319; LS 19587, 37564; MW p. 372-373, suppl. p. 273; Nordstedt suppl. p. 412, NW p 54: Plesch p. 352: SK 5: ccclx: Stevenson p. 1253; Tucker 1: 532; Zander ed. 10, p. 698, ed. 11, p. 796.
Anon., Bot. Centralbl. 72: 192. 1897 (name change from Ostenfeld-Hansen to Ostenfeld); 83: 176. 1900 (app. Copenhagen); Bot. Exch. Cl. Brit. Isl. Rep. 1931: 631 (obit.); Bot. Not. 1903: 34. 1933: 53 (d.); Nature 127. 456. 1931 (d.); Generalreg. Bot. Not. 1839-1938, p. 111-112. 1939; Österr. bot. Z. 48: 38. 1898 (name change); 50: 347. 1900 (inspector Copenhagen); 72: 376. 1923 (succeeds Raunkiaer); 80: 80. 1931 (d.).
Christensen, C., Den Danske Bot. Litt. 1880-1911: 186-193. 1913 (bibl.) Den Danske Bot. Hist. 1: 759, 760, 767, 774, 807-813, 818, 821, 824, 825, 828, 831, 835, 843-845, 861. 1926; Ber. deut. bot. Ges. 49: (164)-(168). 1931 (b. 3 Aug 1873, d. 16 Jan 1931, obit., portr.); Danske Bot. Litt. 1912-1939: 54-62. 1940.

Christiansen, W. & W., Bot. Schrifttum Schlesw.-Holst 318. 1936.
Cupp, E. E., Mar. plankton diatoms W. Coast N. Amer. 1943.
Druce, G. C., Bot. Soc. Exch. Cl. Brit. Isl., Rep. 9(5): 631. 1932 (obit., notice).
Fryxell, G. A., Beih. Nova Hedw. 35: 362. 1975.
Gager, C. S., Brooklyn Bot. Gard. Rec. 27: 190. 1938 (dir. bot. gard. C 1923-1931).
Gran, H. H., Cons. int. Explor. Mer, J. Cons. 6(2): 171-173. 1931 (portr.).
Hasslow, O. J., Bot. Not. 1933: 53 (portr.).
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 116. 1970.
Lind, J., Danish fungi herb. E. Rostrup 36. 1913.
Nelson, E. C., & Scannell, M. J. P., Glasra 2: 1-24. 1978 (O's Western Australia plants at DBN).
Olrik, G., Beretn. Bot. Haves virksomh. 1972-1974: 81-82. 1974.
Paulsen, O., Bot. Tidsskr. 41: 269-282. 1931 (obit., portr.) 45: 263. 1940 (portr.).
Rendle, A. B., J. Bot. 69: 79-80. 1931.
Rydberg, P. A., Augustana Coll. Libr. Publ. 5: 47. 1907.
VanLandingham, S., Cat. diatom. 6: 3575-3576. 1978, 7: 4212. 1978.
Weatherby, C. A., Proc. Amer. Acad. Arts Sci. 70: 565-566. 1936.
Wittrock, V. B., Acta Horti Berg. 3(2): 103-104, *pl. 19.* 1903 (portr.).

COMPOSITE WORKS: (1) Contributed to E. Warming, *Botany of the Faeröes*:
(a) Geography and topography e.a. 1: 6-119. 15 Feb 1901.
(b) Phytoplankton, 2: 558-612. 25 Feb 1903.
(c) Additions and corrections of the list of the Phanerogamae, 3: 835-863. 13 Nov 1907.
(d) The land-vegetation of the Faeröes, 3: 867-1026. 3 Feb 1908 (rev. A. Bennett, J. Bot. 46: 131-134. Apr 1908).
(2) Editor of Danish ed. of C. A. M. Lindman, *Bilder ur Nordens flora,* 3 vols., 1901-1907, see under Lindman.
(3) Sven Hedin, *Southern Tibet* 6(3), *Botany*: 27-100. 1922, A list of flowering plants from Inner Asia by C. H. Ostenfeld and O. Paulsen.
(4) Co-author, L. Marret et al., *Icones florae alpinae plantarum* 1911-1924, see sub Marret.

EPONYMY: *Ostenfeldiella* Ferdinandsen et Winge (1914).

7129. *Flora arctica* containing descriptions of the flowering plants and ferns, found in the arctic regions, with their distribution in these countries, illustrated by numerous figures in the text, edited by C. H. Ostenfeld, ... part i. Pteridophyta, Gymnospermae and Monocotyledones, by O. Gelert and C. H. Ostenfeld ... Copenhagen (Det Nordiske Forlag ...) 1902. Oct. (*Fl. arct.*).
Co-author: Otto Christian Laurits Gelert (1862-1899).
Publ.: 28 Jun 1902 (p. ii), p. [i]-xi, [1]-134, [1-2, err.]. *Copies*: MO, NY.
Ref.: Bennett, A., J. Bot. 40: 368. 1902.
Solms, Bot. Zeit. 60(2): 299-300. 1 Oct 1902.

7130. *Plantevaexten paa Faerøerne* med saerlig hensyntagen til blomsterplanterne ... København og Kristiania (Gyldendalske Boghandel-Nordisk Forlag ...) 1906. Oct. (*Pl.-vaext. Faerøerne*).
Publ.: 20 Nov-31 Dec 1906 (p. ii), p. [i-iv], [1]-140, [1, theses]. *Copy*: NY.

7131. *Flowering plants and ferns from north-western Greenland* collected during the Jubilee expedition 1920-22 and some remarks on the phytogeography of North-Greenland ... København (Bianco Lunos Bogtrykkeri) 1925. Oct. (*Fl. pl. n.w. Greenland*).
Publ.: 1925, p. [1]-42. *Copy*: USDA. – Reprinted from Medd. Grønland 68, 1925.

7132. *The flora of Greenland and its origin* ... København (... Andr. Fred. Høst & Søn, ...) 1926. Oct. (*Fl. Greenland*).
Publ.: 22 Nov-31 Dec 1926 (see p. 71), p. [1]-71. *Copy*: MO. – Kgl. Danske Vidensk. Selsk. Biol. Medd. 6(3).

7133. *The species of the genus Larix* and their geographical distribution ... København (... Andr. Fred. Høst Søn, ...) 1930. Oct. (*Sp. Larix*).

Co-author: Carl Syrach-Larsen (1898-x).
Publ.: 30 Jun-31 Dec 1930 (see p. [107]), p. [1]-106, [107, cont.]. *Copy*: US. – Kgl. Danske Vidensk, Selsk. Biol. Medd. 9(2), 1930.

7134. *The flora of Iceland and the Faeroes* ... Copenhagen (Levin & Munksgaard ...) 1934. Oct. (*Fl. Iceland*).
Co-author: Johannes Grøntved (1882-1956).
Publ.: Feb-Mai 1934 (p. vi: Jan 1934; J. Bot. Nov 1934; Nat. Nov. Jul. 1934; copy MO rd. 20 Feb 1935 p. [i]-xxiv, [1]-195, 2 maps. *Copies*: G, MICH, MO, NY, USDA.

Osterhout, George Everett (1858-1937), American lumberman and amateur botanist; collected in Colorado between 1893 and 1930. (*Osterh.*).

HERBARIUM and TYPES: RM; further material at BUT, DS, E, GH, ISC, MO, NMC, NY, POM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 36; CSP 17: 646; Hortus 3: 1201 ("Osterh."); IH 2: (in press); Moebius p. 93; NAF 28B(2): 349; Pennell p. 615; Rehder 5: 638.
Allison, E. M., Univ. Colo. Stud. 6: 68. 1908 (bibl.).
Anon., Torreya 37: 71. 1937, 38: 48. 1938; Science ser. 2. 86: 553-557. 1937.
Hedge, I. C. & J. M. Lamond, Index coll. Edinb. herb. 116. 1970.
Ewan, J., Rocky Mount. Natural. 275. 1950.
Kneucker, A., Allg. Bot. Z. 2: 172. 1896.
Rickett, H. W., Index Bull. Torrey bot. Club 75-76. 1955.
Wille, *in* Engler & Prantl., Nat. Pflanzenfam. Nachtr. 1(2): 91. 1909.

EPONYMY: The derivation of *Osterhoutia* Gardner ex Wille (1909) could not be determined.

Otero Jañez, José Idilio (1893-x), Porto-Rican botanist; librarian and botanical bibliographer at the Insular Exp. Sta., Porto-Rico. (*Otero*).

HERBARIUM and TYPES: Material at A, BUT, DS, F, MICH, MO, NH, U.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 36; BL 1: 230, 311; IH 2: (in press); Kew 4: 202; MW p. 373.
Merrill, E. D., Contr. U.S. natl. Herb. 30(1): 232. 1947.

7135. *Catálogo de los nombres* vulgares y cientificos *de algunas plantas puertorriqueñas* ... San Juan, P.R. (Negociado de Materiales, Imprenta, Y Transporto) 1931. (*Cat. pl. puertorr.*).
Co-author: Rafael Andres Toro Toro (1897-x).
Ed. 1: 1931, p. [1]-248. *Copies*: MICH, MO, US. – Bol. 37 of Estación experimental insular, Río Piedras, P.R.
Ed. 2: 1946 (p. [2]), p. [1]-281. *Copy*: US. – Segunda edición por José I. Otero, Rafael A. Toro y Lydia Pagán de Otero.

Otis, Charles Herbert (1886-1979), American botanist and curator of the botanical garden of and lecturer at the University of Michigan (1910-1913); Ph. D. ib. 1913; instructor and later professor of botany at Cornell (1913-1915); Univ. New Hampshire 1915-1916; Western Reserve Univ. (1916-1927) Univ. of Wisconsin, Madison (1927-1930); Bowling Green State, Ohio (1930-1956). (*Otis*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 36; BL 1: 189, 217, 311; Bossert p. 296; Hirsch p. 221; LS suppl. 20681; Tucker 1: 532.
Anon., Hedwigia 58(1): (88). 1916 (to Cornell).
Gager, C. S., Brooklyn Bot. Gard. Rec. 27: 377. 1938 (curator Nichols Arb., Ann Arbor, 1910-1912, acting director 1912-1913, preceding H. A. Gleason).

7136. University of Michigan. Botanical garden and Arboretum. *Michigan trees* a hand-

book of the native and most important introduced species . . . Ann Arbor (Published by the Regents) 1913. 16-mo. (*Michigan trees*).
Ed. 1: Mar 1913 (date Bull.) frontisp., p. [i]-xxxii, [1]-246. *Copies*: MO, NY, USDA. – Mich. Univ. Bull. 14, 1913.
Ed. 2: n.v.
Ed. 3: Sep 1915, frontisp., p. [i]-xxxii, [1]-246. *Copies*: MICH, NY. – Ib. 17(10).
Ed. 4: n.v.
Ed. 5: n.v.
Ed. 6: 4 Aug 1923, frontisp., p. [i]-xxxii, [1]-247. *Copy*: MICH. – Ib. 25(5).
Ed. 7: n.v.
Ed. 8: 1926, frontisp., p. [i]-xxxii, [1]-247. *Copies*: MICH, NY.
Ed. [9]: 1931, frontisp., p. [1]-362. *Copies*: MICH, USDA. – This edition was reprinted several times e.g. 1961, 1972.

Ott, Johann (fl. 1851), Bohemian physician and botanist at Praha. (*Ott*).

HERBARIUM and TYPES: Unknown. – Possibly some material in the Muhlenberg herb. at PH but not located (Mears, 1978).

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1484; Futák-Domin p. 453; Herder p. 192; Jackson p. 264; PR 6870; Rehder 5: 638.
Mears, J. A., Proc. Amer. philos. Soc. 122: 169. 1978 (material at PH not located).

7137. *Catalog der Flora Böhmens* nach weiland Professor Friedrich Ignaz Tausch's Herbarium Florae Bohemicae, . . . Prag [Praha](Druck der k.k. Hofbuchdruckerei von Gottlieb Haase Söhne) 1851. Qu. (*Cat. fl. Böhm.*).
Publ.: 1851, p. [i-iv], 1-60. *Copy*: FI.

7138. *Fundorte der Flora Böhmens* nach weiland Professor Friedrich Ignaz Tausch's Herbarium florae Bohemicae, . . . Prag [Praha].(Druck der k.k. Hofbuchdruckerei von Gottlieb Haase Söhne). 1851. Qu. (*Fundorte Fl. Böhm.*).
Ed. 1: 1851 (p. 4: 1 Mar 1851; Bot. Zeit. 26 Nov 1852 "so eben" [sic] p. [1]-48. *Copy*: FI.
Ed. 2: 1859, p. [1]-48. *Copy*: NY. – "*Fundorte der Flora Böhmens* nach weiland Friedrich Ignaz Tausch's Herbarium florae bohemicae, alphabetisch geordnet von Johann Ott, . . . zweite Ausgabe. Prag (Verlag von H. Dominicus) 1859. Qu.
Ref.: J., Bot. Zeit. 11: 157-160. 4 Mar 1853.

Otth, [Carl] **Adolph** (1803-1839), Swiss physician and naturalist; pupil of A.-P. de Candolle; collaborator of Seringe; physician at Bern, travelling widely; died of the plague while in Jerusalem. (*Otth*).

HERBARIUM and TYPES: G-DC. – The "Herbarium Otth" at BERN, mainly mycological, was brought together by Adolph Otth's brother Gustav (1806-1874).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 37; BM 3: 1484-1485; CSP 4: 712; Hortus 3: 1201; PR (alph.); TL-2/999.
Briquet, J., Bull. Soc. bot. Suisse 50a: 358-359. 1940 (biogr.).
Brunner, Verh. schweiz. naturf. Ges. 24: 204-210. 1839 (obit., b. 2 Apr 1803, d. 16 Mai 1839).
Candolle, Alph. de, Phytographie 438. 1880.
Candolle, A. P. de, Mém. Souvenirs 332, 386. 1862.
Fischer, E., Mitt. naturf. Ges. Bern 1908: 91-122. 1909 (biogr. of O's brother Gustav with some details on family), 1914(2): 13, 17, 27.
Pritzel, G. A., Linnaea 19(3): 459. 1846.
Stafleu, F. A., The great Prodromus 29. 1966.

COMPOSITE WORKS: Candolle, A. P. de, *Prodr. Silene* in 1: 367-385. med. Jan 1924.

EPONYMY: *Otthia* Nitschke ex Fuckel (1870); *Otthiella* (P. A. Saccardo) P. A. Saccardo et D. Saccardo (1905).

Otto, Bernhard Christian (1745-1835), German botanist; Dr. med. 1789, professor of medicine at Frankfurt a. Oder. (*B. Otto*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 37; BM 3: 1485; Bossert p. 296; Dryander 3: 482, 646, 652; Kew 4: 202; PR 6872-6875 (ed. 1: 7675-7678); Rehder 5: 638.
Wittrock, V. B., Acta Horti Berg. 3(2): 137. 1903.
Zuchold, E. A., Jahresb. nat. Ver. Halle 5: 45. 1853.

7139. *De Phellandri aquatici* charactere botanico et usu medico. Praeside Bernhardo Christiano Otto . . . illustris facultatis medicae consensu pro gradu doctoris a.d. xvi. Septembris mdccxciii. Publice disseret Johannes Philippus Schwan, . . . Traiecti ad Viadrum [Frankfurt a. Oder](litteris Apitzianis)[1793].(*De Phellandri aquat.*).
Publ.: 16 Sep 1793, p. [1]-28. *Copy*: Edinburgh University library (inf. J. Edmonson).

Otto, [Christoph] Friedrich (1783-1856), German botanist and gardener; at the Berlin botanical garden 1801-1843; director of the Schöneberg horticultural school 1823-1843. (*Otto*).

HERBARIUM and TYPES: B (orig. 15.000; mainly destroyed with general herbarium in 1943), duplicates e.g. at GOET and LIV.

BIBLIOGRAPHY and BIOGRAPHY: BM 3: 1485; DU 185; Frank 3(Anh.): 73; Hortus 3: 1201 ("Otto"); Kew 4: 202; Lasègue p. 334; NI (alph.); PR (alph.) (ed. 1: 7681-7682); Rehder 5: 638-640; TL-1/711-713, 976; TL-2/2215, see Dietrich, A. G., Guimpel, F., Klotzsch, J. F.; Tucker 1: 532-533; Urban-Berl. p. 380; Zander ed. 10, p. 698-699, ed. 11, p. 796; Zep.-Tim. p. 89 (b. 4 Dec 1773, err. for 1783).
Anon. [prob. F. L. Dietrich], Allg. Gart.-Zeit. 24: 289-291. 1856 (obit., list society memberships); Bonplandia 4: 305. 1856 (d. 7 Sep 1856); Bot. Not. 1858: 13 (d.); Bot. Zeit. 14: 696. 1856; Bull. Soc. bot. France 3: 527. 1856; Monatschr. Pomol. prakt. Obstbau 2: 408. 1856; Österr. bot. W. 6: 335. 1856 (d.).
Candolle, Alph. de, Phytographie 438. 1880 (coll. B).
Hall, N., Botanists of the Eucalypts 102. 1978.
Jessen, K. F. W., Bot. Gegenw. Vorz. 377, 394. 1884.
Kukkonen, I., Herb. Chr. Steven 76. 1971.
Otto, K. F. E. (as -n-), Hamb. Gart.-Bl.-Zeit. 12: 470-473. 1856, also in Flora 39: 652-655. 1856, extract in Bonplandia 4: 338-339. 1856 (obit., bibl., b. 4 Dec 1783, d. 7 Sep 1856).
Regel, E., Gartenflora 6: 64, 160. 1857 (obit.).
Schmid, G., Chamisso als Naturforscher 171 [index]. 1942.
Stearn, W. T., J. Soc. Bibl. nat. Hist. 1: 105-107. 1937 (on Link, Klotzsch and Otto, *Ic. pl. hort. bot. berol.*); Cactus J. 8: 39-46 1939 (on Pfeiffer & Otto's *Abbild. Beschr. Cact.*).

COMPOSITE WORKS: (1) Link, J. H. F., Klotzsch, F. et Otto, C. F., *Icones plantarum rariorum horti regii bot. berol.* 1841-1844, see under Link.
(2) Pfeiffer, L. und F. Otto, *Abbildung und Beschreibung blühender Cacteen.* I. Band, Cassel 1843, see under Pfeiffer.
(3) *In* C. G. Nees, *Horae phys. berol.* 27-38. 1820 (*Plantae rariores . . .*).
(4) with Albert Dietrich, editor of *Allgemeine Gartenzeitung*, Berlin, vols. 1-24, 1833-1856. (IDC 7362).
(5) Link, J. H. F. et Otto, C. F., *Icones plantarum selectarum horti regii berolinensis*, 1820-1828, see under Link.
(6) Link, J. H. F. et Otto, C. F., *Icones plantarum rariorum horti regii botanici berolinensis*, 1828-1831, see under Link.

HANDWRITING: Candollea 32: 199-200. 1977.

EPONYMY: *Ottoa* Kunth (1821); *Ottoa* J. A. Schultes et J. H. Schultes (1827, *orth. var.* of *Ottonia* K. P. J. Sprengel); *Ottonia* K. P. J. Sprengel (1820). Note: *Ottochloa* Dandy (1931) commemorates Otto Stapf, q. v.; *Ottokaria* R. Zeiller (1902) was named for Ottokar

Feistmantel (1848-1891), a paleobotanist; *Ottonosia* W. H. Twenhofel (1919) was named for the town of Otto, Kansas, U. S. A.; the derivation of *Ottonia* Schiller (1925) was not given by the author.

Otto, [Carl Friedrich] **Eduard** (1812-1885), German botanist and horticulturist at Hamburg; son of C. F. Otto; collected in Cuba, North America and Venezuela 1838-1841; curator of the Hamburg botanical garden 1844-1866; later commercial nurseryman at Altona. (*Ed. Otto*).

HERBARIUM and TYPES: B (mainly destroyed); further material at BR, K, W.

BIBLIOGRAPHY and BIOGRAPHY: CSP 8: 541; Langman p. 558; Morren ed. 2, p. 12; MW p. 273, suppl. p. 273; PR (ed. 1: 7679-7680); Rehder 5: 640-641; TL-2/4333-4334.
Anon., Belg. hort. 17: 244. Aug-Sep 1867; J. Bot. 6: 94. 1868.
Beck, G., Bot. Centralbl. 34: 150. 1888 (478 C. Amer. pl. at W).
Conde, J. A., Hist. bot. Cuba 288-289. 1958 (b. 2 Jan 1812, d. 11 Sep 1885; in Cuba Jan-Sep 1838).
Goeze, E., Hamb. Garten-Blumenzeit. 41: 472-477. 1885 (portr., b. 2 Jan 1812, d. 11 Sep 1885).
H. O., *in* Möller's Deut. Gärtn., Zeit. 8: 115-118. 1884.
Hooker, J. D., *in* W. J. Hooker, London J. Bot. 5: 525. 1846.
Pittier, H., Manual pl. usuales Venezuela 4. 1926.
Seemann, B., Bonplandia 1: 260-261. 1853.
Urban, I., Symb. ant. 1: 120. 1898, 3: 94-95. 1902 (in West Indies, C. and N. Amer. 1838-1841; itin.).
Voigt, A., Bot. Inst. Hamburg 34, 35, 38, 40. 1897.

COMPOSITE WORKS: Editor *Hamburger Garten- und Blumenzeitung* vols. 4(7)-39(12), Jul 1848-Dec 1883, (title of vols. 1-8, 1845-1851, *Neue allgemeine Deutsche Garten- und Blumenzeitung*, editor vols. 1-4(6), 1845-1848, R. Mettler).

7140. *Reiseerinnerungen an Cuba*, Nord- und Südamerica 1838-1841 von Eduard Otto ... Berlin (Verlag der Nauckschen Buchhandlung) 1843. Duod. (*Reiseerinn. Cuba*).
Publ.: Sep-Dec 1843 (p. iv: Sep 1843), p. [i]-viii, [1]-326, [1-2, err.]. *Copy*: MICH.
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 1: 757-760. 3 Nov 1843.

7141. *Verzeichniss von Gewächshaus-Pflanzen,* Stauden-Gewächsen, Bäumen und Gesträuchen, welche im Hamburgischen Garten abgegeben werden können. Hamburg (Gedruckt bei Th. G. Meissner, E. Hohen Senats Buchdrucker) s.d. [1861]. Qu. (*Verz. Gewächsh.-Pfl.*).
Publ.: 1861 (p. 2: Mar 1861), p. [1]-67. *Copy*: HBG.

Otto, Ernst von (1799-1863), German botanist; landowner at Possendorf nr. Dresden 1826-1856; ultimately at Dresden. (*Ernst Otto*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 310; Barnhart 3: 37; BM 3: 1485, 7: 963; CSP 4: 712-713; Jackson p. 185.
Drechsler, A., S. B. naturw. Ges. Isis. 1864 (1-3): 8-9 (obit., b. 16 Dec 1799, d. 26 Dec 1863).

7142. *Additamente zur Flora des Quadergebirges* in der Gegend um Dresden und Dippoldiswalde, enthaltend meist noch nicht oder wenig bekannte fossile Pflanzen ... Dippoldiswalde (Verlag von Carl Zehne) [1852-1860] Fol. (*Add. fl. Quadergeb.*).
Heft 1: 1852 (p. [iv]: Feb 1852; ÖbW 30 Jun 1853), p. [i-iv], [1]-27, [28-29], *pl. 1-7* (uncol. liths.).
Heft 2: Mar 1854 (p. vi: Oct 1853; Bot. Zeit. 7 Apr 1854; ÖbW 8 Jun 1854), p. [i]-vi, vii-x, [1]-53, *pl. 1-9* (id.).
Heft 3: 1860, n.v.
Copies: MICH (1), NY (1-2), PH (2), USGS (1-2).
Ref.: Schlechtendal, D. F. L. von, Bot. Zeit. 12: 346-347. 1854.

Otto, Johann Gottfried (1761-1832), German botanist; Dr. med. Jena 1784. (*J. Otto*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 37; Herder p. 244; Kelly p. 164; LS 19617; NAF 9: 444; PR 6876 (ed. 1: 7684); Rehder 3: 701; Stevenson p. 1253.
Zuchold, E. A., Jahresber. Nat. Ver. Halle 5: 45. 1853.

7143. *Versuch* einer auf die Ordnung und den Stand der Lamellen gegründeten *Anordnung* und Beschreibung der *Agaricorum,* von J. G. Otto. Leipzig (bey Gerh. Fleischer dem Jüngern) 1816. Oct. (*Vers. Anordn. Agaric.*).
Publ.: 1816 (p. xvi: late Nov 1815), p. [i]-xvi, [1]-106, [1-5, index; 6, err.]. *Copies*: FH, NY.

Oudemans, Corneille Antoine Jean Abram (1825-1906), Dutch physician and botanist; Dr. med. Leiden 1847; practicing physician and lecturer at the Rotterdam medical school 1848-1859; professor of medicine and botany at the Amsterdam Athenaeum 1859-1877; professor of botany and pharmacognosy at Amsterdam University 1877-1896; general secretary of the Royal Netherlands Academy of Sciences 1879-1895; in retirement at Arnhem from 1896. (*Oudem.*).

HERBARIUM and TYPES: GRO; fungi on permanent loan to L from 1969. *Exsiccatae*:
(a) *Herbarium Nederlandsche planten,* fasc. 1-27, nos. 1-1350, 1867-1896; sets at BR, GRO, L, LG, U (see Oudemans 1871) (14 sets distr. of nos. 1-12 by 1871).
(b) *Fungi neerlandici exsiccati,* cent. 1-3, nos. 1-300, 1875-1879, sets at B (extant), BM, BR, FH, GRO, K, L, LG, PAD, U, WRSL. – Accompanied by printed matter: "Fungi neerlandici exsiccati a C. A. J. A. Oudemans collecti Centuria [in ink: i, ii, iii]. Amstelodami 1875 [2: in ink: 1877; 3 id.: 1879), *1*: [i], [1]-4, *2*: [i], [1]-4, *3*: [i], [1]-4. *Copy*: BR.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 227, 282, 323, 326; Backer p. 414; Barnhart 3: 38; BFM 3089; BJI 1: 43; BL 2: 426, 430, 434, 698; BM 3: 1486, 7: 964; Bossert p. 291; CSP 4: 715, 8: 543-544, 10: 970-971, 12: 552, 17: 657; De Toni 1: xcv, 4: xliv; DSB 10: 253-254; GR p. 703-704, cat. p. 69; Hawksworth p. 185, 197; Herder p. 469; Hortus 3: 1201; Jackson p. 147, 324, 489, 500; JW 1: 447, 451, 2: 198, 3: 364, 5: 247; Kelly p. 164, 255; Kew 4: 202-203; LS 19624-19687, suppl. 20701-20704; NNBW 1: 1396-1397; Moebius p. 249, 416; Morren ed. 2, p. 28, ed. 10, p. 90; MW p. 373; NI 1475-1477; Nordstedt p. 25; Oudemans 2(2): 257; PR 6879-6887; Rehder 5: 642; SK 1: 396; SO 2776; Stevenson p. 1253; TL-2/679, 4288; Tucker 1: 533; Urban-Berl. p. 280; Zander ed. 10, p. 699, ed. 11, p. 797.
Andreas, H., In en om een botanische tuin, Hortus Groningianus 158. 1976.
Anon., Bonplandia 6: 49. 1858 (cogn. Leopoldina: Moldenhawer); Bot. Centralbl. 65: 400. 1896 (retirement) 102: 288. 1906 (d.); Bot. Not. 1907: 20; Bonplandia 8: 15. 1860 (to Amsterdam); Bull. Soc. bot. France 24(bibl.): 237. 1878; Verh. bot. Ver. Brandenburg 48: lv. 1907 (d.; O. member from 1882).
Candolle, Alph. de, Phytographie 438. 1880 (pl. BR, L).
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Kneucker, A., Allg. bot. Z. 2(4): 76. 1896; 12: 168. 1906 (d.).
Laundon, J. R., Lichenologist 11: 15. 1979 (lich. at L).
Lotsy, J. P., Nieuw Ned. biogr. woordenb. 1, 1896.
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Müller, R. H. W. & Zaunick, R., Friedr. Traug. Kützing 244, 290. 1960.
Oudemans, C. A. J. A., Bonplandia 10: 77. 1862 (contravention priority rule in name change; refers to 9: 338-339. 1861).
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Sirks, M. J., Ind. Natuurond. 168. 1915.

Stafleu, F. A., Taxon 18: 355. 1969 (fungi to L); Regn. veg. 71: 316, 339. 1970.
Steenis-Kruseman, M. J. van, Blumea 25(1): 42, 48. 1979 (coll. L).
Suringar, W. F. R., Eigen Haard 21: 773-775. 1895 (biogr., portr.; 70th birthday).
Taton, R., ed., Science in the 19th century 457. 1965.
Theissen, J. S., Gedenkb. Athenaeum en Univ. Amsterdam 1: 649-650. 1932. (biogr. b. 7 Dec 1825, d. 29 Aug 1906).
Wachter, W. H., Ned. kruidk. Arch. 55: 49, 55. 1947 (on the Oudemans period (1867-1881) of the Ned. bot. Ver.).
Wittrock, V. B., Acta Horti Berg. 3(3): 168, *pl. 144*. 1905 (portr.).

COMPOSITE WORKS: *Prodromus florae batavae*. Volumen ii. Pars iv. (*Fungi*), 1866, p. [i]-x, [1]-191 (p. v: Aug 1866) by Oudemans and Gérard Daniel Westendorp (Dutch-born Belgian medical officer at Dendermonde; 1813-1868) see also TL-2/679 (co-author err. as "Werkendorp"). *Copy*: BR. – Copy presented by the author to KNAW Dec 1866.

EPONYMY: *Oudemansia* Miquel (1854); *Oudemansia* Spegazzini (1880); *Oudemansiella* Spegazzini (1881); *Oudesmansiella* Earle (1909, *orth. var.*).

7144. *Aantekeningen op het systematisch- en pharmacognostisch-botanische gedeelte der Pharmacopoea neerlandica* ... Rotterdam (bij den boekverkoper Otto Petri) 1854-1856. Oct. (*Aantek. Pharmac. neerl.*).
Ed. 1: 1854-1856 (in parts; part 1 early Oct 1854), p. [i*], [i]-xi, [1-3 of which [2] as "vi"], [i]-xxvii, [1]-661, [1]-31, *pl. A-Z, AA-JJ, 1-2*. *Copy*: NY. – The author's annotated copy is at GRO.
Ed. 2: 1880 (Nat. Nov. Oct(2) 1880), p. [i-vi], [1]-663, [664, err.], 5 maps. *Copy*: U.
Ref.: Berg, O., Bot. Zeit. 15: 225-228, 238-242, 255-262, 271-278. 1857.

7145. *Inwijdingsrede over de plantkunde*, beschouwd in hare trapswijze ontwikkeling, van de vroegste tijden tot op heden. Uitgesproken ter aanvaarding van het hoogleeraarsambt in de genees- en kruidkunde aan het Athenaeum illustre te Amsterdam, den 21 November 1859, door C. A. J. A. Oudemans. Utrecht (C. van den Post Jr.), Amsterdam (C. G. van der Post) 1859. Oct. (*Inwijdingsrede plantk.*).
Publ.: 21 Nov 1859 (KNAW rd. Dec 1859), p. [1]-46. *Copy*: U.

7146. *De flora van Nederland* ten behoeve van het algemeen beschreven, ... Haarlem (A. C. Kruseman) 1859-1862, 3 vols. Oct. (*Fl. Nederl.*).

Ed. 1: 1859-1862, in parts the contents of which are not yet known to us. *Copies*: KNAW, US, USDA. – The plates are usually bound separately.
1: Jan-Oct 1859 (p. xii: Sep 1858; in six parts: Jan, Mar, Apr, Jul-Sep, Oct, Oct 1859; Oudemans sent a copy of part 1 to KNAW on 26 Jan 1859), p. [i]-xxiii, [1]-472, *pl. 1-18* (col.). Alternative t.p.: "De natuurlijke historie van Nederland. De flora van Nederland."
2: Feb 1860-Jan 1861 (in 5 parts: Feb, Apr, Jul-Sep 1860, Jan, Jan 1861), p. [i]-xxi, [1]-453, *pl. 19-34, 34a, 35-59*.
3: Mai 1861-Feb 1862 (in 5 parts: Mai, Mai 1861, Feb, Feb, Feb 1862), p. [i]-xxxiii, [xxxiv], [1]-416, *pl. 60-91*.

Re-issue: 1869. *Copies*: FI, U (plates lacking). – "Natuurlijke historie van Nederland. De flora ..." Amsterdam (G. L. Funke) 1869. Oct.
1: [i, iii], [1]-472, [xiii]-xxiii, *pl. 1-17*.
2: [i, iii], [1]-453, [ix]-xxi, *p. 18-34, 34a, 35-58*.
3: [i, iii], [1]-416, [ix]-xxiii, [xxiv, err.], *pl. 59-91*.

Ed. 2: 1871-1874, in parts. *Copies*: KNAW, MO, USDA. – "Tweede en vermeerderde druk." Amsterdam (G. L. Funke).
1: Jan 1871-1872 (p. viii: Mar 1872; parts 1-3 Jan-Mar 1871), p. [i]-xix, [1]-496.
2: 1873, p. [i]-xviii, [1]-576, [1, err.].
3: 1874 (cover: 1872, t.p.: 1874), p. [i]-xxxix, [xl, err.], [1]-724.
Atlas: *pl. 1-34, 34a, 35-91* (col.).

Historical review: *De ontwikkeling onzer kennis aangaande de flora van Nederland* uit de bronnen geschetst en kritisch toegelicht, Ned. kruidk. Arch. ser. 2. 2: 214-277, 279-391. 1877, 3: 1-75, 325-398. 1878-1881. Contains a chronological bibliography of works on the flora of the Netherlands, 1554-1873. – Reprinted Amsterdam (Meesters) 1979, I.S.B.N. 90-70119-24-2 (not yet seen when closing mss TL-2/3).

7147. *Annotationes criticae in Cupuliferas* nonnullas javanicas . . . Amstelodami [Amsterdam] (apud C. G. van der Post) 1865. Qu. (*Annot. crit. Cupulif.*).
Publ.: 1865 (J. Bot. Feb 1866; Flora 29 Nov 1865), p. [i], [1]-24, *pl. 1-12* (uncol.; M. Miechielsen). *Copies*: BR, FI. – Verh. Kon. Ned. Akad. Wet. vol. 11, 1865. *Preliminary publ.*: Versl. Med. Kon. Akad. Wet., afd. Nat. 12: 203-208. Mai 1861 (see also Bonplandia 9: 338-339. 15 Nov 1861).

7148. *Neerlands plantentuin.* Afbeeldingen en beschrijvingen van sierplanten voor tuin en kamer . . . onder redactie van Dr. C. A. J. A. Oudemans, . . . en onder vaste medewerking van de heeren: C. Glijm, . . . J. B. Groenewegen, . . . J. H. Krelage, . . . en H. Witte, . . . Groningen (J. B. Wolters) 1865-1867. Qu. (*Neerl. pl.-tuin*).
Publ.: A monthly journal (12 parts/volume) with many contributions by its chief editor, Oudemans, especially in vols. 1 and 2. *Copy*: MO (with vol. 3 in orig. covers).
1: (12 parts): 1865, p. [i-viii], [1]-158, [159-162], *pl. 1-18* with text (col.; by A. J. Wendel).
2: (id.): 1866, p. [i-x], *pl. 17-36* id., p. [1]-133.
3: (id.): 1867, p. [i-viii], *pl. 37-54* id., p. 1-156.

7149. *Beredeneerde catalogus* van de eerste twaalf afleveringen van het "Herbarium van Nederlandsche Planten" verzameld en uitgegeven door C. A. J. A. Oudemans [Nederl. Kruidk. Archief 1871]. Oct.
Publ.: Oct 1871 (KNAW: Oct 1871; Ned. Staatscourant Dec 1871), p. [1]-48. *Copies*: G, U. – Reprinted and to be cited from Ned. kruidk. Arch. ser. 2. 1: [50]-97. 1870 or 1871.

7150. *Contributions à la flore mycologique des Pays-Bas* i-xx par C. A. J. A. Oudemans. Reprint 1977. Vaduz (J. Cramer (in der A. R. Gantner Verlag Kommanditgesellschaft FL-9490 Vaduz)). 1977. Oct. (*Contr. fl. mycol. Pays-Bas*).
Publ.: 1977, a facsimile reprint of a series of 20 papers originally published in the *Nederlandsch kruidkundig Archief* (NKA) 1872-1904 under various titles. The journal contributions were also reprinted with separate pagination.
Facsimile reprint: 1977, ISBN 3-7682-1107-x, p. [5]-1057, [1058-1060]. *Copy*: FAS (see Taxon 26: 468. 1977. – Bibliotheca mycologica 54.

Titles: *1*: *Bijdrage over enige* zeldzame of twijfelachtige phanerogamen en van *nieuw ontdekte champignons voor de flora van Nederland.*
2-10: *Aanwinsten voor de flora mycologica van Nederland.*
11-20: *Contributions à la flore mycologique des Pays-Bas.*

Contrib.	*NKA* vol.	ser.	vol.	part	pages	dates	*Reprints* pages
1	6	2	1	2	164-184, *4 pl.*	Mar 1873	[1]-30, *pl. 3-6*
2	6	2	1	3	252-267, *6 pl.*	Apr-Jun 1873	[1]-16, *pl. 8-13*
3	6	2	1	4	312-318, *1 pl.*	Jan-Oct 1874	
4	7	2	2	1	34-42	late 1875	[1]-9
5	7	2	2	2	97-106, *2 pl.*	Jan-Mai 1876	[1]-10, *pl. 3-4*
6	7	2	2	3	176-188	Jan-Apr 1877	[1]-13
7	8	2	3	1	142-161	Jan-Jun 1878	[1]-20
8	8	2	3	2	236-257	Jan-Jun 1879	[1]-22
9/10	9	2	4	3	203-278, *2 pl.*	Jan-Apr 1885	[1]-76, *pl. 4-6*
11	9	2	4	4	502-562, *1 pl.*	Jan-Oct 1886	[1]-62, *pl. 9*
12	10	2	5	2	142-176, *1 pl.*	Apr-Jun 1888	[1]-35, *pl. 5*
13	10	2	5	3	454-519, *2 pl.*	Jul-Sep 1889	[1]-67, *pl. 8-9*
14	11	2	6	1	1-65, *1 pl.*	Jan-Mai 1892	[1]-65, *pl. 1*
15	11	2	6	3	279-298	Jan-Jul 1894	[1]-20

Contrib.	*NKA* vol.	ser.	vol.	part	pages	dates	*Reprints* pages
16	12	3	1	3/4	430-636, *3 pl.*	1899	[1]-107, [108], *pl. 4-6*
17	13	3	2	1	170-353, *2 pl.*	1900	[170]-353, *pl- 1-2*
18	13	3	2	3	633-781, *3 pl.*	Sep-Oct 1902	[633]-781, *pl. 3-5*
19	13	3	2	4	851-928, *4 pl.*	Dec 1903	[851]-928, *pl. 6-9*
20	13	3	2	Suppl.	1077-1133, *3 pl.*	1904	[1077]-1132, [1], *pl. 11-13*

Copies reprints: BR, FH, Stevenson, USDA. – Sets rarely complete.
Part 9 was previously published in Versl. Ned. Kon. Akad. Wet., Amsterdam, ser. 2. 18: [360]-390. 1883, *reprint*: p. [1]-31, 1883 (Amsterdam (Johannes Müller). *Copies*: BR, NY. – (Bot. Zeit. 28 Dec 1883).

7151. *Contributions mycologiques, ...* (extrait des Archives néerlandaises, t. xi). [1876]. Oct.
Publ.: Apr-Mai 1876 (Hedwigia Sep 1876; Bot. Zeit. 13 Oct 1876; BSbF Mai-Jun 1876), p. [1]-53. *Copies*: G, FH, NY. – Arch. néerl. Sci. exact. nat. 11: 341-393. 1876. To be cited from journal. – Also published in Dutch, in Versl. Med. Kon. Ned. Akad. Wet. ser. 2. 10: 76-128. 1876.

7152. *Révision des champignons* trouvés jusqu'à ce jour dans les Pays-Bas ... (Extrait des Archives néerlandaises ...) 1879-1880, 2 parts. Oct.
1: Nov 1879 (Nat. Nov. Dec(1) 1879; Bot. Zeit. 5 Dec 1879), p. [1]-111. *Copies*: FH, NY. – Reprinted from Arch. néerl. Sci. exact. nat. 14: 209-319. 1879. To be cited from journal.
2: 1880 (Hedwigia Dec 1880; BSbF Apr-Jun 1881), p. [1]-48. *Copies*: BR, NY. – Reprinted from id. 15: 359-406. 1880.

7153. *Afbeeldingen en beschrijvingen der voornaamste handelsplanten.* 36 gekleurde afbeeldingen geteekend door Heinrich Gross met een inleidend woord van Dr. Ahles ... Vrij vertaald en hier en daar met enige aanteekeningen vermeerderd door Dr. C. A. J. A. Oudemans ... Amsterdam (Tj. van Holkema) 1883 [1882]. Qu. (*Afb. beschr. handelspl.*).
Authorship: plates drawn by Heinrich Gross; intr. by Wilhelm Elias von Ahles (1829-1900); text freely translated and amended by Oudemans.
Publ.: Oct-Nov 1882 (Bot. Zeit. 19 Dec 1882; Nat. Nov. Nov(2) 1882; Ned. Staatscour. publ. 2 Jan 1883), p. [1]-48, *pl. 1-36* (col.). *Copy*: MO.

7154. *Revisio perisporiacearum* in regno batavorum hucusque detectarum ... Amsterdam (Johannes Müller) 1883. Oct. (*Revis. perispor.*).
Publ.: late 1883 (Hedwigia Jan 1884; Nat. Nov. Jul(1) 1884; Grevillea Mar 1884), p. [1]-15. *Copy*: FH. – Preprinted (with double pagination) from Versl. Med. Kon. Ned. Akad. Wet. ser. 2. 19: [349]-363. 1884.

7155. *Revisio pyrenomycetum* in regno batavorum hucusque detectorum ... Amsterdam (Johannes Müller) 1884. Oct. (*Revis. pyrenomyc.*).
Publ.: Mar-Jul 1884 (p. [2]: 23 Feb 1884; Grevillea Sep 1884), cover, p. [1]-2, [1]-184, *pl. 1-14* (uncol. liths.). *Copies*: BR, FH(2), KNAW(2), NY, Stevenson, U(2), USDA. – The first 62 pages were also published in Versl. Med. Kon. Ned. Akad. Wet. ser. 2. 20: 1-62. 1884. The extended reprint was not commercially available but widely distributed as a gift to many contemporaries. One of the KNAW copies is interleaved and has many notes by the author.

7156. *Contributions à la flore mycologique de Nowaja Semlja* ... Amsterdam (Johannes Müller) 1885. Oct. (*Contr. fl. mycol. Nov. Seml.*).
Publ.: 1885 (Hedwigia Jan-Feb 1886; Grevillea Mar 1886), p. [1]-17, *pl. 1-3*. *Copies*: FH, NY. – Preprinted from Versl. Med. Kon. Ned. Akad. Wet. ser. 3. 2: 146-162. 1886.

7157. *Observations sur quelques Sphéropsidées* qui croissent sur les feuilles des espèces européennes de Dianthus ... Amsterdam (Johannes Müller) 1890. Oct.

Publ.: Jan-Mai 1890 (Hedwigia Nov-Dec 1890; Grevillea Jun 1890), p. [1]-12, *1 pl. Copies*: BR, FH, FI, NY. – Reprinted with special cover and double pagination from Versl. Med. Kon. Ned. Akad. Wet. ser. 3. 7: [97]-108, *1 pl.* (uncol.). 1890. To be cited from journal.

7158. *Micromycètes nouveaux* ... Amsterdam (Johannes Müller) 1890. Oct.
Publ.: Jan-Mai 1890 (Bot. Zeit. 27 Jun 1890), p. [1]-16, *pl. 1-2. Copies*: BR, FH, NY(2), U. – Reprinted with special cover and double pagination from Versl. Med. Kon. Akad. Wet. ser. 3. 7: [312]-327. 1890. To be cited from journal.

7159. *Révision des champignons* tant supérieurs qu'inférieurs trouvés jusqu'à ce jour dans les *Pays-Bas* ... Amsterdam (Johannes Müller) 1892-1897, 2 vols. Oct. (*Révis. champ. Pays-Bas*).
1: Nov-Dec 1892 or Jan-Jun 1893 (a loose errata slip mentions a collection made Aug 1892; cover of *Verhandelingen* has "1893" but regular t.p. 1892; Nat. Nov. Aug(1) 1893; Hedwigia rd. Jun-Jul 1893; Bot. Zeit. 1 Sep 1893; Bot. Jahrb. 7 Nov 1893), cover (1893), p. [1]-638. *Copies*: BR, FH, KNAW, MICH, Stevenson. – Issued as Verh. Kon. Ned. Akad. Wet. sect. 2, vol. 2. – Farlow's copy was sent to him by the author in 1893.
2: Mar 1897 (t.p.; Hedwigia Mai-Jun 1897), p. [i*-iii*], [i]-xvi, [(1)]-(14), 1-491, [1]-6, i-xxi, *pl. 1-14* (uncol., A. J. Wendel). *Copies*: BR, FH, KNAW, MICH, Stevenson (rd. by B. P. Gallway 16 Oct 1897). Issued as *id.* sect. 2, vol. 2(2).
Ref.: Fischer, Bot. Zeit. 52(2): 59. 1894 (rev.).

7160. *Notice sur quelques champignons nouveaux* ... [Amsterdam (Koninklijke Akademie van Wetenschappen)] 1896. Oct. (*Not. champ. nouv.*).
Publ.: 9 Dec 1896 (t.p. preprint), p. [1]-10. *Copy*: FH. – Preprinted from Versl. Gew. Verg. Wis. Nat. Afd. Kon. Akad. Wet. 5: 224-233. 1897.

7161. *Obervations mycologiques* ... Amsterdam (Koninklijke Akademie van Wetenschappen) 1897. Oct. (*Observ. mycol.*).
Publ.: 7 Jul 1897 (t.p. preprint; Bot. Centralbl. 28 Jul 1897), p. [1]-7. *Copy*: FH. – Preprinted from Versl. Gew. Verg. Wis. Nat. Kon. Akad. Wet. 6: [86]-92. 1898.

7162. *Verklaring van de beteekenis der geslachtsnamen* van de phanerogamen en vaatcryptogamen behoorende tot de flora van Nederland ... Amsterdam (C. A. J. van Dishoeck) 1899. Oct.
Publ.: 1899 (p. iii: 24 Aug 1899), p. [i*, iii*], [i]-iii, [1]-95. *Copy*: MO. – Bibliotheek voor natuurlijke historie, 2.

7163. *Contributions to the knowledge of some undescribed or imperfectly known fungi* ... Amsterdam (Koninklijke Akademie van Wetenschappen) 1900-1901, 4 parts. (*Contr. undescr. fung.*).
1: 28 Aug 1900 (cover preprint), cover, p. 1-17, *pl. 1-3* (uncol.). *Copy*: NY. – Preprinted from Proc. Kon. Akad. Wet. 3(1): 140-156, *pl. 1-3*. 1901.
2-4: Sep-Dec 1900, in id. 3(1): 230-403. 1901. Species in part publ. previously in Hedwigia 1900(5): 163-164.
Dutch summaries in Versl. gew. Verg. Afd. Wis- Nat. Kon. Akad. Wet. 9: 140, 290, 347, 380. 1901.

7164. *Beiträge zur Pilzflora der Niederlande* ... Cassel (Druck von Gebr. Gotthelft, Kgl. Hofbuchdruckerei) 1902). Oct.
Publ.: 1902, p. [1]-19. *Copy*: FH. – Reprinted from Beih. Bot. Centralbl. 11(8): 523-541. 1902. To be cited from journal. – Previous communications with the same title published in Hedwigia 27: [175]-188. 1898 and [313]-320. 1898 (Reprints with unchanged pagination exist).

7165. *Prodrome d'une flore mycologique* obtenue par la culture sur gélatine préparée de la terre humeuse du Spanderswoud, près de Bussum, ... [Archives néerlandaises des Sciences exactes et naturelles 1902]. Oct.
Co-author: Cornelis Johan Koning (1863-?).
Publ.: Oct-Nov 1902 (p. 4: 3 Oct 1901; NY copy signed by author 24 Nov 1902; Nat. Nov. Nov(2) 1902), p. [1]-33, *pl. 1-30* (partly col.; by C. J. Koning). *Copies*: BR, FH, NY, U. –

Reprinted from Arch. néerl. Sci. exact. nat. ser. 2.7: [266]-298. 1902. To be cited from journal.

7166. *Catalogue raisonné des champignons des Pays-Bas* ... Amsterdam (Johannes Müller) 1905. Oct. (*Cat. champ. Pays-Bas*).
Publ.: Jun 1905 (cover so dated; t.p. date: 1904; p. 6: Mai 1904), p. [i-iii], [1]-558, [1, err.]. *Copies*: BR, FH, MICH, NY, Stevenson, U. – Verh. Kon. Akad. Wet. sect. 2, 11.

7167. *Enumeratio systematica fungorum* ... Hagae Comitum ['s Gravenhage; the Hague] (apud. Martinum Nijhoff) 1919-1924, 5 vols. Oct. (*Enum. syst. fung.*).
Publ.: Posthumously published by Jan Willem Moll (1851-1933) with the help of R. de Boer, Laurens Vuyck (1862-1931), and J. J. Paerels. The second title page has a more restrictive title: "Enumeratio ... fungorum in omnium herbarum europaearum organis diversis hucusque observatorum mentione facta fontium litterariorum diagnoses eorum figurasque proferentium nec non praecipiorum eorum synonymorum numerorumque collectionum plurium venalium species enumeratas illustrantium ..." *Copies*: FAS, MICH, MO, NY, U, USDA; IDC 5276.
1: Jul-Sep 1919 (p. xv: Jul 1918; circa Nov 1919, prospectus; Nat. Nov. Oct 1919; ÖbZ 1 Oct 1919), p. [i]-cxxvi, [1]-1230.
2: 1920 (Nat. Nov. Feb 1921; ÖbZ Mai-Jun 1921), p. [i]-xix, [1]-1069.
3: 1921 (J. Bot. Mai 1922; Nat. Nov. Mar 1922; ÖbZ Nov-Dec 1921), p. [i]-xvi, [1]-1313.
4: 1923 (J. Bot. Jun 1923; Nat. Nov. Mai 1923), p. [i]-xiii, [1]-1231, [1232, err.].
5: Jan-Feb 1925 (Nat. Nov. Mar, Jul 1925; ÖbZ Jan-Feb 1925), p. [i]-vii, [1]-998, [1].

Over, William Henry (1866-?), American botanist; curator of the Museum of the University of South Dakota at Vermillion. (*Over*).

HERBARIUM and TYPES: Material at C, DBN, DS, RM, SMU, US (large set), WTL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 38; BL 1: 214, 311; IH 2: (in press); Pennell p. 615.

7168. *Trees and shrubs of South Dakota* ... Vermillion (University of South Dakota) 1923. (*Trees shrubs S. Dakota*).
Publ.: Jan 1923, p. [1]-13. *Copy*: USDA. – Bull. Univ. S. Dakota ser. 23, no. 2; S. Dakota Geol. Nat. Hist. Surv. Circ. 11.

7169. *Flora of South Dakota* an illustrated check-list of flowering plants, shrubs and trees of South Dakota ... Vermillion (published by the University of South Dakota) 1932. (*Fl. S. Dakota*).
Publ.: Jun 1932 (cover), frontisp., p. [1]-161. *Copies*: McVaugh, MICH, USDA.

Overeem [-de Haas], **Casper van** (1893-1927), Dutch mycologist; Ph. D. Zürich 1920; at Buitenzorg (Bogor) 1921-1927 as mycological assistant at the Herbarium bogoriense. (*Overeem*).

HERBARIUM and TYPES: BO (see under Boedijn); a set of lichens at W(82); collections in liquid at AMD (coming from the "Mycological Museum" at Weesp nr. Amsterdam).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 38; BM 7: 964; GR p. 704; Hawksworth p. 186; JW 1: 447, 3: 364, 4: 400; Kew 4: 204; LS suppl. 20706-20732; Stevenson p. 1253, 1261; TL-2/see Boedijn.
Danser, B. H., Bull. Jard. bot. Buitenzorg ser.3. 9: 1-7 *pl.1*. 1927. (obit., bibl., b. 1 Oct 1893, d. 27 Feb 1927; portr.); De tropische Natuur 16: 57-58. 1928 (portr., obit.).
Lütjeharms, W. J., Gesch. Mykol. 247. 1936.

COMPOSITE WORKS: *Fungi* ("Zwammen") in K. Heyne, *Nutt. Pl. Ned. Ind.* ed. 2. 1: 39-89. 1927.

7170. *Icones fungorum malayensium* Abbildungen und Beschreibungen der Malayischen Pilze

... Wien (Im Selbstverlag des mykologischen Museums in Weesp (Holland)) 1923-1926, 16 Hefte. (*Icon. fung. malay.*).
Co-editor (and author Heft 8): Josef Karl Weese (1888-1962);
Co-author: Marie Beatrice Schwarz (1898-x) (Heft 16), (all other Hefte by v. Overeem alone).

1 (*Clavariac.*): 1923 (p. [1]: Mai 1923), cover, p. [1-4], *pl. 1* (col. liths.).
2(*id.*): 1923, cover, p. [1-2], *pl. 2.*
3 (*id.*): 1923, cover, p. [1-4], *pl. 3.*
4 (*id.*): 1923, cover, p. [1-2], *pl. 4.*
5 (*Polyporac.*): 1924, cover, p. 1-5, *pl. 5.*
6 (*Coprinac.*); 1924, cover, p. 1-3, [4], *pl. 6, 6a.*
7 (*Polyporac.*): 1924, cover, p. 1-2, [3], *pl. 7.*
8 (*Hypocreac.*): 1924 (ÖbZ Oct-Dec 1924), cover, p. 1-4, *pl. 8.*
9 (*Humariac.*): 1925, cover, p. 1-2, *pl. 9.*
10 (*Cercosporac.*): 1925, cover, p. 1-4, *pl. 10.*
11 (*Xylariac.*): 1925, cover, p. 1-4, *pl. 11.*
12 (*Polyporac.*): 1925 (Nat. Nov. Oct 1925), cover, p. 1-6, *pl. 12.*
13 (*Dermateac.*): 1926, cover, p. 1-2, [3], *pl. 13.*
14-15 (*Mycenac.*): 1926 (Nat. Nov. Oct 1926), cover, p. 1-3, [4], *pl. 14-15.*
16 (*Oidiac.*): 1926 (Nat. Nov. Nov 1926), cover, p. 1-3, [4], *pl. 16, 16a.*

Copies: NY, Stevenson, U, USDA.
Beihefte, Heft 1: 1925, cover, p. 1-11, *pl. 1-2* (uncol.), H. H. Karny: Schwarzkäfer (Tenebrionidae) aus Holzschwämmen.

Overholts, Lee Oras (1890-1946), American mycologist; A.B. Miami Univ. 1912; Ph.D. St. Louis 1915; instructor in botany at Pennsylvania State College 1915-1917; professor of botany at id. 1917-1946. (*Overh.*).

HERBARIUM and TYPES: PAC (50.000 fungi; some vasc. pl.); other material at BPI, CUP, COLO, MICH, MO, NY, PAC, TRTC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 38; Bossert p. 296; Hawksworth p. 185; Hirsch p. 222; IH 2: (in press); Kelly p. 165, 255; Kew 4: 204; Lenley p. 39; LS suppl. 20733-20760; NW p. 54; Pennell p. 615; PH 209, 450; Stevenson p. 1253; TL-2/781.
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Fergus, C. L., Mycologia 47: 140-144. 1955 (an index to L.O. O's mycological notes).
Hesler, L. R., Progr. Sketches N. Amer. Mycol. mss. 1975.
Kern, F. D., Mycologia 40: 1-5. 1948 (obit., bibl., portr., b. 23 Jun 1890, d. 10 Nov 1946).
Murrill, W. A., Hist. found. bot. Florida 32. 1915.
Rickett, H. W., Bull. Torrey bot. Club 76. 1955.
Rogers, D. P., Brief hist. Mycol. N. Amer. 28. 1977.
Rogerson, C. T., Mycologia Index 1009. 1968 (lists e.g. his Mycological notes).
Shope, P. F., Mycologia 21: 295-296. 1929 (Colorado coll.).
Verdoorn, F., Biologia 1(2): 7. 1947 (d.).

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(2) *Hymenomycetes, in* C. E. Chardon and R. A. Toro, Mycological explorations of Venezuela 304-316. Oct 1934 (Monogr. Univ. Puerto Rico B 2).

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Owen, Maria Louisa (née Tallant) (1825-1913), American botanist at Springfield, Mass. (*Owen*).

HERBARIUM and TYPES: Springfield Botanical Club, Springfield, Mass. (fide Day 1901).

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Oye, Paul Herman Gustave van (1886-1969), Belgian zoologist, hydrobiologist and botanist at Gent; Dr. phil. Gent 1911, MD. Gent 1924; at the Tasikmalaya fisheries station (Java) 1918-1922; professor of zoology at the State University of Gent 1926-1956; president of Dodonaea 1937-1969; specialist on Desmidiaceae and history of botany. (*Oye*).

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(2) Founder and first editor of *Hydrobiologia.*

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Ed. 1: Nov-Dec 1885 (see TBC 12: 117. Nov 1885, and pref. ed. 2), p. [i-ii], [1]-112. *Copies*: McVaugh, US(2), USDA. – List of names without descriptions. Major part of original stock destroyed by fire.

Ed. 2: 1888 (p. [iii]: 1 Jan 1887 [for 1888 sic]), p. [i-iii], [1]-125. *Copies*: MICH(3), MO, US, USDA. – "Second edition. Catalogue of North American Plants, by Dr. J. H. Oyster, Paola, Kansas, U.S.A. Price $ 1.25. 1888."

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Since the same title, at least in its short form, may have been used by two or more authors, each entry includes the name of the author in the form recommended at the end of the first paragraph of the section treating him and his books.

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Index to Names

This index contains the names of authors, collectors, botanical explorers, patrons of botanists, botanical artists, and other collaborators, as well as personal surnames that have been immortalized in names of genera. Also included are abbreviations listed for author names. The names of ships that carried early exploring expeditions to remote parts of the world are included in this index too, because the user may only remember that much of the subsequent reports of the trip. There are, however, a number of explanations and cautions: (1) the abbreviations of author names are included in the index when they are really abbreviations, i.e. some letters have been dropped Such abbreviations are alphabetized as if they were complete words, including one or more initials, with the omission of punctuation and spaces. In this index the initial follows the abbreviation even though the suggested abbreviation in the text is preceded by the initial; (2) diacritical marks have been deleted in this index except for the German Umlaut, whereas the ø is alphabetized as oe; (3) names beginning with "M", "Mc", or "Mac" are treated as if spelled "Mac" in combination with the rest of the name as one word (Macdonald); (4) similarly, double names whether hyphenated or not, names beginning with "Da", "De", "Des", "Do", "Du", "La", "Le" etc. are alphabetized as if they were one word under the first letter of the first word ("Candolle" for "de Candolle" is one of several exceptions where established usage does not conform to this convention). If there is chance of confusion in locating such names, the index lists also the last part of the names under the appropriate letter (the user can find "de Candolle" in both the "d" and "c" part of the index). Hyphenated double names are not, however, cross-referenced under the last part; (5) for purposes of the index, "van", "von", "y", "zu" are ignored; (6) names of authors of publications cited in the biography/bibliography sections are omitted from the index; (7) "Aiton, W.*72*" refers to that part of the text just preceding the treatment of book number 72, as well as to the book itself. "Aiton, W.83" means there is a reference to Aiton, W. in the information concerning book 83, which is by an author other than Aiton, W. "Aiton, W. *see* Banks" indicates mention of Aiton, W. in the author-paragraphs under "Banks"; (8) an author's name with the notation "*alph.*" indicates a person, who is included in the text for one or more reasons, but who did not publish itrems treated in this guide (Abich, H., *alph.*); (9) the notation "*v*" is used to connect the abbreviation of a personal name with the name in full to explain the meaning of the suggested abbreviation. It is also used as a means of cross-referencing double names, maiden names of female botanists who have published under both names, and for anyone, who has used more than one name for his publications; (10) references to Linnaeus occur so frequently that they are usually omitted, except the primary references to Linnaeus in this volume.

Finally, because an index to all the volumes will be published after the last volume has been issued, the present index (as well as the index to titles) has to be viewed as a temporary but, hopefully, a useful guide to the contents of this volume.

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